



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
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No. 39] NEW DELHI, SATURDAY, SEPTEMBER 28, 1996 (ASVINA 6, 1918)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
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Calcutta, the 28th September 1996

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## पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 28 सितम्बर 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जिन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांडी इस्टेट,  
तीसरा तल, लोथर परल (पश्चिम),  
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोआ राज्य क्षेत्र एवं संघ शासित क्षेत्र, बमन तथा दीव एवं दादर और नागर हवेली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, करोल बाग,  
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,  
राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शासित क्षेत्र चण्डीगढ़।

तार पता—“पेटेंटोफिक”

पेटेंट कार्यालय शाखा,  
61, बानाजाह रोड,  
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्षद्वीप मिनीकाय तथा एमिनीदिदि द्वीप।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जायेगी अथवा उपयुक्त कार्यालय में नियन्त्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियन्त्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crecent Bracket are the dates claimed under section 135, of the Patent Act, 1970.

3-6-1996

1019/Cal/96 Yung feng chiang. “Brassiere structure”.

4-6-1996

1020/Cal/96 Harris Corporation. “Computer Calling Method and system for providing called party location and pre-call warning of inappropriate calling time”.

1021/Cal/96 The board of regents of the university of nebraska “Rumen inert oil”. (Convention No. 08/489; on 9-6-95; in U.S.A.).

1022/Cal/96 Hoechst Aktiengesellschaft. “Water-Soluble cobalt catalysts, a process for their preparation and their use as hydroformylation catalysts in a two-phase system comprising polyethylene glycol as polar phase”. (Convention No. 19521936.8; on 16-6-95; in Germany).

1023/Cal/96. Condea Vista Company. “Process for alkoxylation catalysts and alkoxylation process”. (Convention No. 08/490, 990; on 15-6-95; in U.S.A.).

1024/Cal/96. Phillips Petroleum Co. “Sorbent Compositions for sulfur removal”. (Convention No. 08/483358; on 7-6-95; in U.S.A.).

1025/Cal/96. Phillips Petroleum Co. “Process for producing a particulate composition Particularly useful as a sorber”. (Convention Nos. 08/479059 & 08/486125 on 7-6-95 in U.S.A.).

1026/Cal/96 Kimberly Clark Corporation. “Novel photoreactor composition and applications therefor”. (Convention Nos. 08/463,188, on 5-6-95 in U.S.A. (2) 08/537,593; on 2-10-95; in U.S.A. (3) 08/625,737; on 29-3-96; in U.S.A. & (4) 08/649,755; on 29-5-96 in U.S.A.).

1027/Cal/96 Brooke Bond Lipton India Ltd. “Product”.

1028/Cal/96. Madhavan Pisharodi. “Rotating, locking middle expanded intervertebral disk stabilizer and reduction of spondylolisthesis”. (Convention Nos. 08/471,910; on 7-6-95; in U.S.A. & 08/482,974; on 7-6-95; in U.S.A.).

1029/Cal/96 American Cyanamid Co. "Process and intermediates for the manufacture of herbicidal 1-(Cyclopropylcarbonyl) - phenyl sulfamoyl -3,4 (4, 6-dialkoxy-2-pyrimidinyl) urea compounds". (Convention Nos. 08/465,049; on 6-6-96; in U.S.A. & 08/465,049; on 6-6-95; in U.S.A.).

4-6-96

1030/Cal/96 Degesche De chile Ltd. "Composition, Process and apparatus for producing phosphine-containing Gas". (Convention No. 9511495.5; on 7-6-1995; in U.K.).

1031/Cal/96 Comer SpA. "Kneader for paper stuff". (Convention No. VI95A000092; on 5-6-1995; in Italy).

1032/Cal/96 American Cyanamid Co. "Methods for the preparation of substantially monomeric calicheamicin derivative/carrier conjugates". (Convention No. 08/475,005; on 7-6-1995; in U.S.A.).

5-6-96

1033/Cal/96 Hoechst Aktiengesellschaft. "A process for the preparation of vinyl acetate". (Divided out of No. 386/Cal/92 dated 1-6-92).

1034/Cal/96 Eli Lilly & Co. "Method for minimizing Bone Loss". (Convention No. 08/471,111; on 6-6-95; in U.S.A.).

1035/Cal/96 E.I. Du Pont De Nemours and Co. "Catalyst, Processes and polymer products therefrom". (Convention Nos. 487,767; 569,044; & 620,821 dated 8-6-95; 7-12-95 & 25-3-96; in U.S.A.).

1036/Cal/96 Johnson & Johnson Consumer Products Inc., "Sunscreen compositions". (Convention No. 08/495734; on 8-6-95; in U.S.A.).

1037/Cal/96 Ortho Pharmaceutical Corporation. "In-Situ Lyophilization of Vaginal Suppository in unit dose applications and resultant products". (Convention No. 08/495738; on 8-6-95; in U.S.A.).

1038/Cal/96 Cyrotherapeutics, Inc. "Pain cell line". (Convention No. 08/481,917; on 7-6-95; in U.S.A.).

1039/Cal/96 Cyrotherapeutics, Inc. "Pain Cell Line". (Convention No. 08/481,917; on 7-6-95; in U.S.A.).

1040/Cal/96 Clarence Sexton Freeman. "A Polymerization Process, apparatus and polymer". (Convention Nos. 486,079; 479,167 & 483,800 on 7-6-1995; in U.S.A.).

1041/Cal/96 Alan Patrick Casey. "Nozzle for delivering liquid/gas mixture". (Convention No. PN3473; on 9-6-95; in Australia).

6-6-96

1042/Cal/96 Xechem International, Inc. "Dihalocephalomannine and methods of use therefor".

1043/Cal/96 Xechem International, Inc. "Isolation and purification of paclitaxel from organic matter containing paclitaxel cephalomannine and other related taxanes".

1044/Cal/96 Indian Association for the Cultivation of Science. "A process for the acylation of terminal alkynes".

1045/Cal/96 Biocoll Laboratories, Inc. "Modified osteogenic biomaterials". (Convention No. 08/469,982; on 6-6-95; in U.S.A.).

1046/Cal/96 Senetics Inc. "Indicator device responsive to axial force". (Convention No. 08/469,871; on 6-6-95; in U.S.A.).

1047/Cal/96 Otto J. M. Smith. "Three phase motor operated from a single phase power supply and phase converter".

1048/Cal/96 Eli Lilly and Co. "Method for minimizing bone loss". (Convention No. 08/467,475; on 6-6-95; in U.S.A.).

1049/Cal/96 Chiron Corporation. "Bacterial production of hydrophobic proteins". (Con. No. 08/477,310; on 6-6-95; in U.S.A.).

1050/Cal/96 Siemens Aktiengesellschaft. "Front System of a Printed Circuit Board Assembly having an integrated push-button element for active-passive switching". (Convention No. 29509602.0; on 12-6-95; in Germany).

1051/Cal/96 Siemens Aktiengesellschaft. "Front system for a printed circuit board assembly having active-passive switching". (Convention No. 29509603.9; on 12-6-95; in Germany).

7-6-96

1052/Cal/96 Amylin Pharmaceuticals Inc. "Appetite Regulating Compositions". (Convention No. 08/477,727; on 7-6-95; in U.S.).

1053/Cal/96 Amylin Pharmaceuticals Inc. "Treatment of Type II diabetes mellitus with amylin agonists". (Convention No. 08/483,188; on 7-6-95; in U.S.).

1054/Cal/96 International Multi India Corporation. "High Efficiency sub-orbital Communications system". (Convention No. 08/488,213; on 7-6-1995; in U.S.A.).

1055/Cal/96 La Z-Boy Chair Company. "Linfar actuation drive mechanism for power-assisted chairs." Convention Nos. 08/477,164 & 08/552,614; on 7-6-1995; & 3-11-1995; in U.S.A.).

1056/Cal/96 Thomson Consumer Electronics, Inc. "Bus & interface system for consumer digital equipment". (Convention No. 9512068.9; on 14-6-95; in Great Britain).

1057/Cal/96 Brooke Bond Lipton India Ltd. "Edible plastic spread".

1058/Cal/96 Hoechst Celanese Corporation. "A Process for making low optical density polymers and copolymers for photoresists and optical applications".

1059/Cal/96 Magainin Pharmaceuticals Inc. "Aminosterol compounds useful as inhibitors of the sodium/proton exchanger (nhe), pharmaceutical methods and compositions employing such inhibitors, and process for evaluating the nhe-inhibitory efficiency of compounds. (Convention Nos. 08/475,572; 08/476,855; 08/479,455; 08/479,457; 08/483,057; 08/483,059; 08/483,059 on 7-6-95; in U.S.A.).

1060/Cal/96 Dauenhauer Manufacturing Inc. "Controlled atmosphere transfer system. (Convention No. 07/06/95; on 7-6-95; in U.S.A. and No. on 5-6-96; in U.S.A.).

1061/Cal/96 Magainin Pharmaceuticals Inc. "Aminosterol compounds useful as inhibitors of the sodium/proton Exchanger (NHE) pharmaceutical methods and compositions employing such inhibitors and process for evaluating the Nhe-Inhibitory efficiency of compounds and process for preparing the same". (Convention Nos. 08/475,572; 08/476,855; 08/479,455; 08/479,457; 08/483,057; 08/483,059; 08/487,443 on 7-6-95; in U.S.A.).

1062/Cal/96 Magainin Pharmaceuticals Inc. "Aminosterol compounds useful as inhibitors of the sodium/proton Exchanger (NHE) pharmaceutical methods and compositions employing such inhibitors and process for evaluating the Nhe-Inhibitory efficiency of compounds". (Convention No. 08/474,799; on 7-6-95; in U.S.A.).

**APPLICATIONS FOR PATENTS FILED IN THE  
PATENT OFFICE BRANCH AT TODI ESTATE THIRD  
FLOOR, SUN-MILL COMPOUND, LOWER PAREL (W),  
BOMBAY-13.**

4-9-95

381/Bom/95 Nand Vishnu Phadke. A device to produce measurable data to teach various mathematical distribution patterns.

382/Bom/95 Nand Vishnu Phadke. A process simulating device producing stripchart output, for teaching engineering students, process monitoring and improvement techniques.

383/Bom/95 Nand Vishnu Phadke. A process simulating device for teaching engineering students. The quality parameter distribution patterns.

384/Bom/95 Gulf Oil India Ltd. An apparatus for draining Oil from canter.

5-9-95

385/Bom/95 Chimanlal Govindbhai Patel, Anant Narayan Namjoshi. Eco jet/overflow/air jet rapid fabric dyeing machine.

386/Bom/96 Nova Machineries Pvt. Ltd. A machine for manufacturing packaging.

387/Bom/95 Mukesh Bhandari. Improved way of heating and post combustion for metal refining converters using tyvere.

388/Bom/95 Mukesh Bhandari. Process of using carbon dioxide as inert gas in metal refining converters.

389/Bom/95 Werner Reing. Fluorescent lamp and electronic mains connecting device for operating the fluorescent lamp.

7-9-95

390/Bom/95 Dr. Rameshchandra Mohanlal Maheshwari. Human pollution control (Nasal filter) pollution saver aid.

391/Bom/95 Madha Kacheshwar Shete. An improved hydraulic steel structure.

392/Bom/95 Pramod Shankar Phadke. Modular gas-solid-liquid separator for upflow anaerobic sludge blanket digester.

393/Bom/95 Indian Petrochemicals Corporation Ltd. A process for the production of polyethylene.

394/Bom/95 Siddharth Kohli. A masonry cement and to preparation thereof.

395/Bom/95 BASF India Ltd. A process for preparing azo dyes.

396/Bom/95 The Associated Cement Co's Ltd. Hydrothermal process for synthesising purity 99.9%—99.99% free flowing alpha-alumina powder.

397/Bom/95 The Associated Cement Co's Ltd. Process for chemically synthesising Alumina powders having 99.8% purity and higher soda level varying from 600 to 100 pp purification.

8-9-95

398/Bom/95 Robert W. Pfeiffer. Process using fluidized solids and apparatus for carrying out such processes.

399/Bom/95 Hindustan Level Ltd. Improved method of manufacture.

400/Bom/95 The Associated Cement companies Ltd. An improved process for manufacturing high purity dielectric material such as barium titanate.

11-9-95

401/Bom/95 Nortech India Ltd. An improved process for producing a multilayer coated substrate having and attractive heat and scratch-resistant dyed surface.

402/Bom/95 King Chen Lin & Ming Chang Lin. A crank cover frame for the bicycle.

13-9-95

403/Bom/95 National Organic Chemical Industries Ltd. A plant growth promoter obtained by lysis of biomass and a process of lysis of biomass for the preparation thereof.

14-9-95

404/Bom/95 Desai Brothers & Chotabhai Jethabhai Patel Tobacco Products Co. Ltd. Reconstituted tendu leaf substrate for making beedies and process to make the same.

405/Bom/95 Dr. Dattatraya Gopal Naik, Dr. Arvind Hari Kapadi Dr. Kamalakar Kshirsagar. An invention for developing a honeybee attractant useful to attract Indian honeybees apis florea.

15-9-95

406/Bom/95 Raghuvir Singh Hada. Air Cooler.

407/Bom/95 Nirmala Hoda, Utensil Cleaner.

18-9-95

408/Bom/95 Dilip Shantaram Dahanukar. Process for manufacturing microfinned powder with or without insect bait for bag packed in microporous bags.

409/Bom/95 Dilip Shantaram Dahanukar. Process for making fruit and/or vegetable granules.

410/Bom/95 Dilip Shantaram Dahanukar. Improved process of manufacturing mosquito repellent mat.

411/Bom/95 Hartung, Kuhn & Co. A method & apparatus for removal of charging gases that form during the charging a coke oven battery.

19-9-95

412/Bom/95 Amrut Balwant Mantri. The solid-state electronic continuous Arc high voltage corona generator.

20-9-95

413/Bom/95 The Ensign-Bickford Co. An universal isolation member and electric detonator cap including the same.

414/Bom/95 The Ensign-Bickford Co. Alternate signal path isolation member and non-electric detonator gap including the same.

415/Bom/95 The Ensign-Bickford Co. An isolation member with improved static discharge barrier and non-electric detonator cap including the same.

416/Bom/95 Bajaj Auto Ltd. An Automatic Exhaust Blocking System.

21-9-95

417/Bom/95 Hindustan Lever Ltd. G. B. Priority dt. 23-5-95. Oral Composition.

22-9-95

418/Bom/95 Suresh Balram Bhatia. Tablet Hardness tester with stand.

419/Bom/95 Anand Shripad Wagh. New design constant tension feed.

420/Bom/95 Global Environment Engineering Ltd. A process of tissue culture (micropropagation) for the production of high performance sugarcane plantlets.

421/Bom/95 Mr. Surendra Himatlal Shah. An improved distillation unit and distillation process thereof.  
25-9-95

422/Bom/95 Madhusudan Hiralal Desai. An improved cutter for shaving hardened gear.

423/Bom/95 Manuel S. Gracias. Quadroscope for Explaining and demonstrating four (4) relative shapes of the earth.

27-9-95

424/Bom/95 Bhabha Atomic Research Centre. A high angular and spatial resolution phase gradient interferometer.

29-9-95

425/Bom/95 Mr. Ravindra Vivakrao Velhal & Ajit Vivekrao Velhal. Computerised automated DNA Fingerprinting and DNA fingerprinting identification.

426/Bom/95 Hindustan Lever Ltd. Cosmetic Composition.

427/Bom/95 Hindustan Lever Ltd. High active granular detergent composition and process for making them.

04-10-95

428/Bom/95, Dr. Debdatta Ghosh. An Apparatus for Endometrial Hydro Thermal Ablation.

429/Bom/95, Filterwerk Mann + Hummel GMBH. An Improved Fluid Filter.

05-10-95

430/Bom/95, Malvica Engineering Limited. Pressed Steel Radiator.

431/Bom/95, Lin-jin-chen & Lin M'ng-Chang. A method of a Manufacturing a Bearing Retainer with An Integral Cup for a Bracket Axle Unit of a Bicycle.

432/Bom/95, Hindustan Lever Ltd. Detergent Composition.

10-10-95

433/Bom/95, Dr. Milind Vishwanath Rane. Waste Heat-Heat Exchanger.

11-10-95

434/Bom/95, Hindustan Lever Limited. Cosmetic Composition.

12-10-95

435/Bom/95, United Precast Products Pvt. Ltd. An Improved Concrete Block Making Machine.

436/Bom/95, Rashtriya Chemicals & Fertilizers Ltd. Synthesis of New Active Weedicides.

13-10-95

437/Bom/95, Indian Petro-Chemicals Corporation Limited. A Molecular Sieve Adsorbent For Separation of Methane And Nitrogen Gaseous Mixture.

16-10-95

438/Bom/95, Indian Oil Corporation Limited. Synthesis of Bismuth Dialkyl Dithiophosphates.

439/Bom/95, Indian Oil Corporation Limited. Bismuth Dialkyl dithiocarbamates.

440/Bom/95, Shri L. M. Nayak. Tudor Kinetic Disperation Mill.

18-10-95

441/Bom/95, Hindustan Lever Limited. Pressure Plate.

19-10-1995

442/Bom/95, M/s. Ifunik Pharmaceuticals Ltd. An invention of A Device For Dispensing Medicaments.

20-10-95

443/Bom/95 Hindustan Level Limited. Tea Product.

444/Bom/95, Jamuna Prasad Patel & Dinesh Kumar Patel. Improved Power Transmission System for Manually Driven Vehicles.

445/Bom/95, Japan Clinic Co. Limited. Microbicidal Composition of Low-Level Toxicity Containing A Quaternary Ammonium.

446/Bom/95, Dilip Shantaram Dahanukar. Process for Manufacturing Mosquito Repellent Tablet and Tablet made by said Process.

447/Bom/95, Hindustan Level Limited. U. K. Priority dt. 20-10-94. Personal Car Composition.

30-10-95

448/Bom/95, Avinash R. Laddho. An Improved Coupler for Plastic Pipes used for Irrigation Systems.

31-10-95

449/Bom/95, Neelkanth Keshav Maladkar & Mr. Samir Neelkanth Maladkar. A process for the Production of Ethanol from the Tubers of Dioscorea Satiya Via Dextrose.

450/Bom/95, Crompton Graves Limited. An External Slip Ring Wound Rotor Induction Motor.

1-11-1995

451/Bom/95, Novation Design Inc. Snap Fit & Twistable Toy construction Modules.

452/Bom/95, Shri R. S. Punyarthi. Composition & Process for making herbal after shave lotion.

453/Bom/95, Nichrome Metal Works Pvt. Ltd. A device capable of delivering constant energy to the electrode of packaging machine.

454/Bom/95, Shri R. S. Hada. Ladder Liquid Power Generator.

3-11-1995

455/Bom/95, Hoechst India Ltd. A process for the production of a new cell-wall active compound named Arthrichitin from a fungal culture Arthrinium phaeospermum (Corda) Ellis (Culture Number Hoechst India Limited Y-90, 3022) its mutants or variants.

456/Bom/95, Danfoss A/S, Denmark priority dt. 28-11-94. Fitting for a thermostatic valve.

6-11-1995

457/Bom/95, Shri S. B. Dhungat. Manufacture of catechu & cutch from cashew testa.

458/Bom/95, Shri S. B. Dhungat. A process for refining gambir.

459/Bom/95, Hindustan Lever Ltd. Process.

8-11-1995

460/Bom/95, Hindustan Lever Ltd. Fat blend for margarine & W/O spreads.

461/Bom/95, Hindustan Lever Ltd. Process for preparing a fat blend & plastic spread comprising the fat blend obtained.

462/Bom/95, Shri V. C. Shah. An improved power transmission system for I.C. engines.

463/Bom/95. Shri P. D. Godbole. An automatic outflow regulating gate.

464/Bom/95. Hindustan Level Ltd. G. B. Priority dt. 28-03-92. Active materials sorbed on a sorbing agent.

9-11-1995

465/Bom/95. The Indian Card Clothing Co. Ltd. Improved flexible card clothing for carding machine.

466/Bom/95. RMS Automation Systems Pvt. Ltd. Device to improved power factor.

467/Bom/95. Dijit Prognosys Pvt. Ltd. An improved blood collection needle with holder.

468/Bom/95. Velmor Home Decor Pvt. Ltd. An improved flush valve.

469/Bom/95. (1) Mr. A. K. Patel (2) Mr. D. K. Patel A manually operated Vacuum container.

10-11-1995

470/Bom/95. Shri R. V. Khopkar. Three dimensional games.

471/Bom/95. Dr. K. M. Paknikar & Mr. P. R. Puranik. An invention for developing a method for the treatment of industrial waste waters with the help of constructed wetland systems.

472/Bom/95. Dr. K. M. Paknikar, Mr. A. V. Pethkar & Mr. J. V. Vernekar. An invention for developing a method for the preparation of a matrix from poultry waste & its use in the immobilization of biomass.

473/Bom/95. Dr. K. M. Paknikar & Miss J. V. Bhide. An invention for developing a method for the removal of chromium, selenium & tellurium from aqueous solution, using micro organisms.

474/Bom/95. Rashtriya Chemicals & Fertilizers Ltd. Synthesis of new P-1 Fluoresulphonamido succinimides as active weedicide.

13-11-1995

475/Bom/95. Dr. C. P. Vibhute. Manufacture of highly water soluble complex fertilizer.

476/Bom/95. Shri B. K. Doshi. An instant water heater with flow sensor.

14-11-1995

477/Bom/95. Shri H. G. Lodhi. MW received with stereo simulator.

478/Bom/95. Indian Oil Corporation Ltd. Energy efficient industrial (EEG) gear oil composition.

479/Bom/95. Indian Oil Corporation Ltd. A textile spindle oil composition.

15-11-1995

480/Bom/95. Shri A. S. Myles. Infra-red tabbing & stringing machine for solar cells.

16-11-1995

481/Bom/95. (1) Shri B. N. Doshi & Shri M. D. Kochar. A method of connecting electronic switches for switching electrical circuits & loads in domestic & industrial environments & an electronic switch therefor.

482/Bom/95. Lekar Pharma Ltd. A process for preparing a storage stable formulation containing azadirachtin for protecting crops from harmful pests.

483/Bom/95. Lekar Pharma Ltd. A storage stable formulation containing azadirachtin for protecting crops from harmful pests.

20-11-1995

484/Bom/95. The Ensign-Bickford Co. U.S.A. Priority dt. 26-10-95. A connector block having detonator-positioning locking means.

485/Bom/95. The Ensign-Bickford Co. U.S.A. Priority dt. 27-10-95. A connector block for blast initiation systems.

486/Bom/95. Shri G. C. Shetty. 2-D Halo-Fluro Multiplex Image Creation.

487/Bom/95. Indian Institute of Technology and Manoj Madhukar Haridas & Jayesh Ramesh Bellare. A process to manufacture highly stable & optically transparent aluminium hydroxide gel.

488/Bom/95. Indian Institute of Technology and Manoj Madhukar Haridas & Jayesh Ramesh Bellare. A process to manufacture nostrandite (Nordstrandite) of high purity in high yield from aluminium alkoxide.

489/Bom/95. Shri H. G. Lodhi. Auto start for generator.

490/Bom/95. Shri Prashant Chopde. A vessel for containing a substance.

21-11-1995

491/Bom/95. Sun Pharmaceutical Industries Ltd. A process for the synthesis of 1-(2-Nitroaryl)-2-Arylethanes & their substituted derivatives as key intermediates for the production of pharmaceutically active compounds.

492/Bom/95. Sun Pharmaceutical Industries Ltd. 1-(2-Nitroaryl)-2-Arylethanes & their substituted derivatives as key intermediates for the production of pharmaceutically active compounds.

493/Bom/95. Filterwerk Mann + Hummel GMBH, Germany priority dt. 23-11-94. Filter arrangement.

494/Bom/95. Filterwerk Mann + Hummel GMBH, Germany priority dt. 25-11-94. Container, particularly with a flexible interior part.

22-11-1995

495/Bom/95. Deepak Nitrite Ltd. Manufacture of para-phenylene diamine from para-aminoazobenzene by reduction under neutral conditions.

23-11-1995

496/Bom/95. Filterwerk Mann + Hummel GMBH, Germany priority dt. 24-2-95. Display equipment for display of low pressure.

24-11-1995

497/Bom/95. Shri Prashant Chopde. A device for monitoring a voluntary bodily function.

498/Bom/95. Raptakos. Brett & Co. Ltd. Process for manufacture of low-fat, high-fiber carrots granules.

27-11-1995

499/Bom/95. Shri R. V. Raghavan. An improved process of fabricating spherical tank.

30-11-1995

500/Bom/95. Hindustan Level Ltd. U.K. Priority dt. 2-12-94. Detergent compositions.

501/Bom/95. Hindustan Lever Ltd. Ice-cream inclusions.

502/Bom/95. Dr. Somani R. B. & Pandrangi R. B. Sugars from whole grain sorghum & other cereals.

503/Bom/95. स्वयंसेवक कौरव, स्वयंसेवक कौरव । कृषियंत्र "एग्रोइन्जेक्शन" ।

504/Bom/95. स्वतन्त्र सिंह कौरव । पवन विद्युत संयंत्र ।

01-12-1995

505/Bom/95. Jing-Chen Lin & Ming-Chang Lin. A Bottom Bracket Bearing for Bicycle.

04-12-1995

506/Bom/95. Balkrishna Sadaashiv Bapat. A Method of Generation of Electricity without using fuel.

507/Bom/95. John Oommen Koshy Cool Blanket.

508/Bom/95. Filterwerk Mann + Hummel GMBH. Germany Priority dt. 18-2-95. An improved filter particularly for the air in the interior of a vehicle.

509/Bom/95. M/s. Lap Lab. Electrically Swinging Fans.

05-12-1995

510/Bom/95. Hennigscorfer stahl Engineering GMBH. Germany priority dt. 10-12-94. Pressurized Water drainage facility.

06-12-1995

511/Bom/95. Chandradatt Bholanath Navalkar. Computerised cross over safe distance warning alarm system automobiles.

512/Bom/95. Chandradatt Bholanath Navalkar. On coming traffic viewer for road vehicles.

07-12-1995

513/Bom/95. Dhananjay Ramkrishna Tutakne. Electronic High Sensitivity Electric Shock preventor.

514/Bom/95. Umesh Kulkarni. A continuous filter to separate solids from liquids.

515/Bom/95. Plastart Electronics (P) Ltd. An improved signal Lever meter.

516 Bom/95. Mandira Bose & Dilipsinh S. Rajbhosale. An Improved Stereotaxis Apparatus.

517/Bom/95. P. Ravindranath Bhas. Multiutility Card.

11-12-1995

518/Bom/95. Manoj Jain. Packaging of solvents and solvent Mixtures.

519/Bom/95. Vipin Champsey Shah. An improved power Transmission System for Manually Powered Vehicles.

12-12-1995

520/Bom/95. Lendl Wilhelm. Germany Priority dt. 13-12-94. Table for Automotive Vehicle.

521/Bom/95. Trans Freight Containers Ltd. Improvement in containers for transporting on railway or like wagons.

14-12-1995

522/Bom/95. Hindustan Lever Limited. U.S.A. Priorities dt. 3-1-95 & 25-4-95. Cold Creams Containing Acyl Lactylates.

523/Bom/95. Indian Petro-chemicals Corporation Ltd. A process for the Manufacture of xylenes & Benzene.

15-12-1995

524/Bom/95. Hakeem Abdul Hal Osmani. A chemical Composition & Method to make the same to kill parthenium Hysterophorus.

525/Bom/95. Binata Phadke & Abhay Phadke. Process for preparing Phosphate biofertiliser based on micro-organisms.

526/Bom/95. Abhay Phadke & Binata Phadke. Process for preparing insecticide for controlling agricultural insects pests based on neem seed kernels.

18-12-1995

527/Bom/95. Hindustan Lever Limited. Margarine fat blend & plastic w/o emulsion spread comprising this fat blend.

528/Bom/95. Hindustan Lever Limited. U.K. Priority dt. 11-1-95. Detergent Composition.

529/Bom/95. Hindustan Lever Ltd. U.S.A. Priorities dt. 22-12-94 & 22-12-94. Detergent Composition.

530/Bom/95. Vijay Merchant. An improved yarn Dyeing machine.

531/Bom/95. Sanjay Hansraj Gajarai. A sliding window latch.

19-12-1995

532/Bom/95. Krupp Koppers Gmbh. Process & Device for reducing the concentration of the waste gas coke oven batteries that are headed with lean gas.

20-12-1995

533/Bom/95. Hindustan Antibiotics Ltd. Ampicilloic Acid crosslinked macroporous glycidyl copolymer, an affinity chromatography matrix useful for purification of penicillinase.

534/Bom/95. Shashikant Gogate. An apparatus for hanging clothes.

535/Bom/95. Shashikant Goate. A cloth hanger specially suitable for hanging long cloths.

536/Bom/95. Jashbhai Daljibhai Patel. Improvement in valve and valve body for flowable composition.

21-12-1995

537/Bom/95. Godrej Soaps L'd. A controlled release urea fertiliser and a method of making the same.

538/Bom/95. Crompton Greaves. A fluorescent tube packing machine.

539/Bom/95. Rajinder Syal. A Tongue Cleaner.

540/Bom/95. Indian Petro-chemicals Corp. Ltd. A process for the manufacture of paraxylene.

22-12-1995

541/Bom/95. Anjali Plastech Pvt. Ltd. Roti Maker.

542/Bom/95. Surendra Himmallal Shah. A Novel Device & System for circulating cool air in closed rooms & the like structures.

26-12-1995

543/Bom/95. G. Chandrasekaran. New fixing & connecting system for R 15 absorber in FM transmitter GCEL 131 & Bel Model.

544/Bom/95. Indian Oil Corporation Ltd. A high performance multigrade crankcase oil composition.

545/Bom/95. Lupin Laborator. Method for manufacture of cephalosporin antibiotics.

546/Bom/95. The Associated Cement Co's. Ltd. and the Indian Oil Corporation Ltd. A process for manufacturing oxidation catalyst supported on ceramic hollow porous catalytic spheres.

27-12-1995

547/Bom/95. Dara Cawasji Poonawala. An inlet manifold venturi.

548/Bom/95. Jin-hen Lin & Ming-Chang Lin. A safety feature for bicycle bottom bracket bearing.

549/Bom/95. Satish Shankarrao Varkar. A process of the preparation of an improved 3-D medium adapted to be employed as the medium for printing 3-D work by taking ref. of computer.

28-12-1995

550/Bom/95. Suresh Chandulal Jhaveri. Chair with multi mode selectively cooling or heating oscillating or vibrating device for giving mild to vigorous body massage.

551/Bom/95. Lab S.A. U.S. Priority dt. 30-12-94. Dual Fluid Sarray Nozzle.

552/Bom/95. Laerdal Medical Corporation. Truncated pulse defibrillator with flash tube switch.

29-12-1995

- 553/Bom/95. Kumar Balram Bhatia. Collapsible attachment of a writing pad for use in cars and kitchen.
- 554/Bom/95. Praj Industries Limited. An improved ethanol concentration monitoring instrument.
- 555/Bom/95 Hindustan Lever Limited. Composition.

01-01-1996

- 1/Bom/96. Kirit Trambaklal Badheka & Chetan Kirit Kumar Badheka. An automatic dipper-cum-alarm system for road vehicles.
- 2/Bom/96. Hindustan Lever Limited. Nickel/Silica catalyst for hydrotreating unsaturated organic compounds, method for its preparation and method for hydrogenating unsaturated animal and vegetable fats and oils.
- 3/Bom/96. Bajaj Auto Ltd. Alternator for small engines.

03-01-1996

- 4/Bom/96. Narayan Bhagwandas Samani. Special packing pattern for plastic container.

04-01-1996

- 5/Bom/96. Vishveshwar Prashad Bhargava. A new innovative process to enhance the yield or productivity of ICE Plants.
- 6/Bom/96. IBC advanced Technologies, Inc. Processes of separating cesium from industrial streams containing other alkali metals using poly (Hydroxy-arylene) polymeric resins.
- 7/Bom/96. Deepak Virsen Gaikwad. Improvements in grids on view finder in still photography and video photography cameras.

05-01-1996

- 8/Bom/96. Filterwerk Mann + Hummel GMBH. Germany Priority dt. 31-03-95. Cyclone.
- 9/Bom/96. Ahmedabad Textile Industry's Research Association. An apparatus for breaking open cotton pods & separating seed-cotton from the pod shells.

08-01-1996

- 10/Bom/96. Suleman Ibrahim Metar. Broom completely made of plastic which is washable hygienic and durable.
- 11/Bom/96. Auriga Engineering Limited. Improved and modified circular weaving machine.

09-01-1996

- 12/Bom/96. Kanti Shivji Mamania, Jeetu Shivji Mamania & Morarji Lalji Chheda. An vacuumizer system for containers.
- 13/Bom/96. Devesh A. Kulkarni Auto Car lifter improvement in jack or lifting system.
- 14/Bom/96. Hindustan Lever Ltd. U.K. priority dt. 11-01-95. Particles containing perfume.
- 15/Bom/96. Hindustan Lever Ltd. Process for the production of liquid composition.

- 16/Bom/96. Hindustan Lever Ltd. U. K. priority dt. 16-01-95. Detergent Composition.

10-01-1996

- 17/Bom/96. Mr. Jimmy Sorab Kanteenwalla. An improved Seal.
- 18/Bom/96. Madhubhai Ghelabhai Shah. A plant to make different chemical distillate water from wasted polluted water pollution control up to 0 level.

11-01-1996

- 19/Bom/96. Enviroco Corporation. U.S.A. priority dt. 13-01-95. Air Blower and filter assemblies.

12-01-1996

- 20/Bom/96. Olaf Erich Bethke. Improved cooling system in association with source of heat such as exhaust of internal combustion engine solar energy & the like.
- 21/Bom/96. Partha Saikia & Ashok Kumar. Wettable toilet cum cleaning paper with dispensing device therefor.
- 22/Bom/96. Ayurcore Inc. Synergistic composition for immunomodulatory activity with special reference to adjuvant treatment along with cancer chemotherapy.
- 23/Bom/96. Air Tite Industries Inc. Package Dispenser for plurality of Garments.
- 24/Bom/96. Global Environmental Engineering Ltd. and Agharkar Research Institute (ARI). A non sludge recycle mode facultative microbial process chromium in chromium bearing-effluent into trivalent chromium and a device therefor.

15-01-1996

- 25/Bom/96. Ranajagitsinha Padmasinha Patil. Intelligent and Interactive Headlight control system in automobiles.
- 26/Bom/96. Vikram Projects Limited. Low Pressure Extraction System for cane juice in sugar industry.

16-01-1996

- 27/मुम्बई/96 संजय भिकाजी पाटिल । विदाउट चोक एण्ड फिक्सर ट्यूब लाईट विदाउट साइडर कन्डक्टर ।
- 28/मुम्बई/96 संजय भिकाजी पाटिल । विदाउट चोक एण्ड फिक्सर ट्यूब लाईट विड इनसाईड ट्यूब कन्डक्टर ।

- 29/Bom/96. Jag Mohan Pandey. Spray washing and cleaning of coach panels.

17-01-1996

- 30/Bom/96. Dhananjay Ramkrishna Tutakne. Integral cycle control for fan motors.
- 31/Bom/96. Dhananjay Ramkrishna Tutakne. Solidstate multiplexing unit with digital temperature indicator for multipoint recorders.
- 32/Bom/96. Vasant Padmanabh Akolkar. An improved alarm annunciator.
- 33/Bom/96. Sudarshan Chemical Industries Ltd. Blue colorant for detergents & method to make the same.
- 34/Bom/96. Chemnitzer spinnereimaschinenbau GMBH. Germany priority dt. 23-02-95. Driving device for the feed rollers in combing machines with several combing heads.

19-01-1996

- 35/Bom/96. Devendra Somabhai Naik. Devrekha flow counter flow economical jet dyeing machine.

19-01-1996

- 36/Bom/96. Mr. Gav Bomi Master. Multi purpose modular variable mode vehicle.
- 37/Bom/96. Desai Haribhai Jeshangbhai. Clean Power.
- 38/Bom/96. Hindustan Lever Ltd. Composition.



39/Bom/96. Lupin Laboratories Limited. Process for the stereospecific synthesis of keto-enol tautomeric mixture of p-nitrobenzyl (1R, 6R, 7R) 7-phenoxy-acetamido-3-oxo-3-cepham-4 (R/S) -carboxylate-1-oxide and P-nitrobenzyl (1R, 6R, 7R)-7-oxobixacetanudi-3-hydroxy-3-cephem-4-carboxylate-1-oxide.

40/Bom/96. Mintage Consultants Pvt. Ltd. Rotary positive displacement machine.

22-01-1996

41/Bom/96. Harshad Pravinchandra Udani. Bamboo splitting unit (Tool).

42/Bom/96. Harshad Pravinchandra Udani. Stone Blocks farma with grooves.

43/Bom/96. Harshad Pravinchandra Udani. Pipe bending Tool.

44/Bom/96. Harshad Pravinchandra Udani. Potter's wheel with double ball-bearing.

45/Bom/96. Chemnitzer Spinnereimaschinen Nbau GmbH. Method for securing the slubbing upstream of drawing system on spinning frame, and a slubbing stopping device. Germany priority dt. 21-03-95.

46/Bom/96. Panayacheril Krishnan Somasekharan. A method of mosquito repellent using cellulose mats impregnated with a composition wherein the active ingredient is of a bio-organic origin.

47/Bom/96. Hanamant Krishna Joshi & Mrs. Sumati Hanamant Joshi. Production of carbon black feed stock of high quality from a new raw material, which is called 'Clarified Oil, or heavy cycle oil from a processing unit called 'fluid catalytic cracking Unit' in petroleum refineries by extraction of the clarified oil with a solvent producing an extract which is a very good carbon black feed stock.

23-01-1996

48/Bom/96. Unis'ne Technologies, Inc. Ballasting system for fluorescent lamps having improved energy transfer.

49/Bom/96. Indian Oil Corporation Ltd. A novel method for producing magnesium borate overbased metallic detergent.

50/Bom/96. Indian Oil Corporation Ltd. A hydrocarbon Composition.

24-01-1996

51/Bom/96. Chemnitzer Spinnereimaschinenbau GmbH. Method & device for guiding & transporting the slubbing in a drawing system of a spinning frame. Germany priority dt. 21-04-95.

25-01-1996

52/Bom/96. Rajesh Om Prakash Mehta. An improved attachment for mixer-grinder.

53/Bom/96. Hindustan Antibiotics Ltd. Penicillinase as a marker for quantitation of protein A by ELISA.

54/Bom/96. Esther D'Gama. Apparatus for utilization of vertical space premises for storing and transporting of raw materials.

29-01-1996

55/Bom/96. Unichem Laboratories Ltd. An improved process for the manufacture of carbamazepine from a novel source.

56/Bom/96. Indian Petrochemicals Corporation Ltd. An improved process for aromatization of hydrocarbons to benzene toluene and paraxylene.

57/Bom/96. Indo-Euro Industries Ltd. Fluid-Purification systems.

58/Bom/96. Rameshbhai Kalabhai Patel. Sheet glass laminate with sunlight and heat control means.

30-01-1996

59/Bom/96. Bojji Rajaram. Snap-On-Rail Clip for railways.

60/Bom/96. Filterwerk Mann + Hummel GMBH. Suction Module. Germany priority dt. 04-02-95.

61/Bom/96. Gujarat State Fertilizers Company Ltd. A process for synthesis of 3,5-dibromo-4-hydroxybenzonitrile (bromoxynil) starting from P-cresol.

62/Bom/96. Gujarat State Fertilizers Company Ltd. A process for the synthesis of 3, 4, 5, -trimethoxybenzaldehyde starting from P-cresol.

63/Bom/96. The Ensign-Bickford Company. Method and apparatus for transfer of initiatic signals. U.S.A. priority dt. 11-01-96.

64/Bom/96. The Ensign-Bickford Company. Detonators having multipleline input leads. U.S.A. priority dt. 11-01-96.

65/Bom/96. The Ensign-Bickford Company. Slider member for booster explosive devices. U.S.A. priority dt. 16-01-96.

66/Bom/96. The Ensign-Bickford Company. Booster explosive devices and combinations thereof with explosive accessory charges. U.S.A. priority dt. 11-01-96.

67/Bom/96. The Ensign-Bickford Company. Accessory charges for booster. U.S.A. priority dt. 11-01-96.

68/Bom/96. The Ensign-Bickford Company. Secure connector for blast initiation signal transfer. U.S.A. priority dt. 18-01-96.

69/Bom/96. The Ensign-Bickford Company. Surface connector for blasting initiation system. U.S. priority dt. 18-01-96.

02-02-1996

70/Bom/96. Raghuvir Singh Hada. Gravity Generator.

05-02-1996

71/Bom/96. Hoechst Marion Roussel Ltd. A process for the production of new antibiotics named methyl-sulfomycin I from an actinomycete species (culture number HIL Y-94, 20704), its mutants or variants.

72/Bom/96. Indian Institute of Technology Dr. (Mrs.) Mamta Mukhopadhyay & Srirangam Venkata Gopal Krishna Sastry. A process for cyclic supercritical fluid (SCF) CO<sub>2</sub> extraction of fragrances (absolute or essential oils) from jasmine flowers.

73/Bom/96. Prabodh Prabhakar Veerkar. Replaceable Bullet (Centre) live centre.

06-02-1996

74/Bom/96. Arun Kumar Gathoria. To increase the density of the electrical discharge in electric discharge tube by introducing a hollow object made of bad conductor to electricity in elect. discharge tube

07-02-1996

75/Bom/96. Indian Petro-Chemicals Corp. Ltd. A process for producing dimethyl d'sulfide.

76/Bom/96. Filterwerk Mann + Hummel GMBH. Housing especially for an air filter of an internal combustion engine. Germany priority dt. 08-02-95.

08-02-1996

77/Bom/96. Rajan Bhogate. The novel computer key board with provision for century of date lock (toggle) key to solve year 2000 problem

78/Bom/96. Wilson Joseph. An invention relating to an improve electrical heating device.

- 79/Bom/96. Sateesh Vinayak Bagwat. Tie & unfold type automobile cover.
- 80/Bom/96. Sateesh Vinayak Bagwat. Workstation/cabinet/trolley processing food.
- 81/Bom/96. Sateesh Vinayak Bagwat. Dining trolley cum table.
- 82/Bom/96. Subhanjan Mohanty. A process of manufacturing from cast iron scraps, high purity sponge iron for fusion metallurgical applications as well as high compressibility iron powders for powder metallurgical applications.
- 83/Bom/96. Subhanjan Mohanty. A process of manufacturing from metal powders or their oxides, partially alloyed powders for powder metallurgical applications.
- 84/Bom/96. Hindustan Lever Limited. Oral Preparations
- 85/Bom/96. Hindustan Lever Limited. Articles, composition & process for cleaning surfaces by the use of a catalyst at the surface. G.B. priority dt. 09-02-95.  
12-02-1996
- 86/Bom/96. Ganapati Dadasaheb Yadav & Kirthivasan Nagarjun. Hetepopoly supported clays.
- 87/Bom/96. Shasmin Enterprises. Automatic device for up-loading stacking and downloading tubes, pipes and the like of any desired dimensions.  
13-02-1996
- 88/Bom/96. Hindustan Lever Limited. Process and composition for cleaning surfaces. G.B. priority dt. 23-02-95. G.B. priority dt. 13-07-95.
- 89/Bom/96. Hindustan Lever Limited. Cleaning composition comprising quaternised polydimethylsiloxane and nonionic surfactant. G.B. priority dt. 23-02-95.
- 90/Bom/96. Hindustan Lever Limited. Cleaning composition comprising saturated dialkyl cationic surfactants. G.B. priority dt. 23-02-95.
- 91/Bom/96. Hindustan Lever Limited. Solid Detergent Block.
- 92/Bom/96. Hindustan Lever Limited. Improver for baked goods, containing rye flour.  
15-02-1996
- 93/Bom/96. Dr. B. P. Tamrakar MD (Av) Pharmacy. Pathogenesis & treatment through 'Sicko Herb' (Compound of Medicinal Plant) of Sick Cell Disease.  
16-02-1996
- 94/Bom/96. Darvil L. Jackson. Improved method & apparatus for removing a minable product from an underground seam. U.S.A. priority dt. 09-05-95.
- 95/Bom/96. Rudra Narain Nevatia. Space frame assembly.
- 96/Bom/96. Dr. Prakash Vasantrao Desai. A method of manufacturing an ointment dermocure.  
19-02-1996
- 97/Bom/96. Preussag Analgeban GMBH. Screw joint for pipes.  
20-02-1996
- 98/Bom/96. Kurz Moulds & Plastics Ltd. A storage device for plate like Media.  
22-02-996
- 99/Bom/96. Lupin Laboratories Limited. Improved regio-specific process for synthesis of acyclic nucleosides.
- 100/Bom/96. Wolfgang Schroder. Process for adjustment of a filling Ray. Germany priority dt. 22-02-95.
- 101/Bom/96. Wolfgang Schroder. Process & device for the proportioning/dosing of flowable medium. Germany priority dt. 22-02-95.
- 102/Bom/96. Herdillia Chemicals Ltd. Process for the preparation of phenyl-n-propyl carbonyl esters of organic acids.
- 103/Bom/96. Herdillia Chemicals Ltd. Process for the preparation of phenyl-n-propyl carbonyl esters of organic acids.
- 104/Bom/96. K. S. V. Santhanam & Rajiv Prakash. Organic Battery with conducting Polymer.
- 105/Bom/96. Rajiv Prakash & K. S. V. Santhanam. Electrochromic display device using conducting polymer.  
23-02-1996
- 106/Bom/96. Anurag Vipin Shah. A Multi purpose washing Machine.  
26-02-1996
- 107/Bom/96. Girish Ghatpande & Dilip Kulkarni. A process & plant herefor to convert spent wash into solid flakes to be used as a fertilizer ingredient.
- 108/Bom/96. Auriga Engineering Limited. A arrangement of circular looms assembly.  
27-02-1996
- 109/Bom/96. Santosh Baburao Bhamre. Screen Printing Machine.
- 110/Bom/96. Ofer Kugel, Eliahu Doron & D. G. D. Haifa Ltd. 'A letter Opener'
- 111/Bom/96. Dr. Shah Chandulal Fulchand. A process for making a topical medicament.
- 112/Bom/96. Dr. Meka Papa Rao. A method of making harbours on the shore line of landmasses abutting a sea or ocean shore, particularly rocky shores.
- 113/Bom/96. Jamnadas Thakurdes Lala. An artificial Tree.  
28-02-1996
- 114/Bom/96. Borg Cheminova Private Ltd. Improved device for cleaning internal surface of tubes, pipes & the like.  
29-02-1996
- 115/Bom/96. Prof. Dr. Shilpnath Ghosal & Dr. Sudhakar Agarwal. Process for preparing connanglterms from plant material.
- 116/Bom/96. Prof. Dr. Shilpnath Ghosal & Dr. Sudhakar Agarwal. Process for preparing connanglterms from plant material.
- 117/Bom/96. Vijaykumar Baburao Wankhede. Kastoori Ayurvedic medicinal oil.  
1-3-1996
- 118/Bom/96. Metagen, LLC. Modular prosthesis.
- 119/Bom/96. Shri Hitesh Bipinchandra Shah. New file.
- 120/Bom/96. Hindustan Antibiotic Ltd. A simple method for extraction of protein A from the cells of *S. aureus* using solvent & surfactants.  
4-3-1996
- 121/Bom/96. Banno Prasad G. Bhat, Chandrakant T. Sanghvi, C. N. Thakker, C. B. Patel, D. A. Gandhi, D. A. Sanghvi, R. A. Gandhi & S. P. Bhat. Isolation & extraction of azadirachtin by use of gaseous solvents with/or without modifying their properties with organic solvents under varying temperatures & pressures.

- 122/Bom/96. Filterwerk Mann + Hummel GMBH. Air filter, especially for the cleaning of combustion air for internal combustion engines. Germany priority dt. 26-05-95.  
6-3-1996
- 123/Bom/96. Hindustan Antibiotic Ltd. Affinity purification process for portein. A employing cross linked macroporous glycidic copolymer.
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11-3-1996
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- 135/Bom/96. Raju Dhoble. An improved aspirator for water storage tanks.
- 136/Bom/96. Vijay Nayak. Endo skeletal lower extremity above knee prosthesis with cross leg & constant friction knee joint kit.
- 137/Bom/96. Vijay Nayak. Endo skeletal lower extremity above knee prosthesis with constant friction knee joint kit.
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- 139/Bom/96. Vijay Y. Moghe. An improved method & apparatus for selective individual coal weight control in electro-magnetic wiping in multi-wire hot dip metal coating operations.
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14-3-1996
- 142/Bom/96. Logitech Technology Pvt. Ltd. An improved U.S. priority dt. 22-3-95.
- 144/Bom/96. M/s. Sun Pharmaceutical Ind. Ltd. Antirheumatic fixed dose combination products.
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- 147/Bom/96. Perfect Equipments Pvt. Ltd. Grease filling system with calibrated grease with volumetric pressure at a time two side of job.
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18-3-1996
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19-3-1996
- 153/Bom/96. A. K. Goyal. Relaxer.
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## ALTERATION OF DATE

- 176604 Filed on 6-7-89  
(599/Del/89) Ante-dated to 23-10-86.
- 176879 Filed on 24-7-91.  
(664/Del/91) Ante-dated to 19-4-88.
- 176884 Filed on 02-11-89.  
(1005/Del/89) Ante-dated to 20-4-87.

## COMPLETE SPECIFICATION ACCEPTED

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## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रेम ऐसी अवधि ओ-उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आर्षित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एक्स् के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिये।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है”।

रूपांकन (चित्र आरेखों) की फोटो प्रतियाँ यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिस उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवाधगी पर की जा सकती है विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (अर्थात् प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिचालन किया जा सकता है।

Ind. Cl.: 83 B5

176871

Int. Cl.4: A23L 3/00

## METHOD OF PRODUCING SHELF STABLE LIQUID FOOD PRODUCTS.

Applicant: FBI BRANDS LTD. OF 16 CHEMIN BENOIT, MT. ST HILAIRE, KUBBEC, CANADA J3G 456.

Inventor: DONALD ALBERT POOLE.

Application for Patent No. 212/Del/89 filed on 6-3-89.

Convention date (1) 561205/11-3-88/CA. (2) 561264/11-3-88/CA.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

(15 Claims)

A method of producing liquid food products that are shelf stable comprising the steps of:

(a) cold filling a plastic or plastic coated gable top container with an essentially non-carbonated liquid food product free from pathogenic and thermophilic organisms;

(b) sealing said container with an easy opening seal;

(c) heating the food product in said container to a pasteurization hold temperature in the range of about 160°F to the softening temperature of the plastic;

(d) maintaining the food product at said pasteurization hold temperature for sufficient time to provide adequate kill or essentially all microorganisms in the food product;

(e) cooling to provide a shelf stable liquid food product in an easy opening gable top container, free from internal vacuum and which does not require an artificially cooled storage environment.

(Compl. Specn. 15 pages)

Drwgs. 3 sheets)

Ind. Cl.: 62E

176872

Int. Cl.4: D06F 21/06, 37/40

## AN AUTOMATIC WASHER HAVING A CLUTCH MECHANISM

Applicant: WHIRLPOOL CORPORATION OF 2000 M-63, BENTON HARBOR, MICHIGAN 49022, UNITED STATES OF AMERICA.

Inventors: JEFFREY LEE BURK, DOUGLAS EUGENE WOOD.

Application for Patent No. 431/Del/89 filed on 18-5-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

11 Claims

An automatic washer (10) having a clutch mechanism, said washer comprising a vertical axis (18) agitator, a concentrically mounted wash basket (16), a motor (20) connected to said agitator to selectively oscillate and rotate said agitator (18) about said vertical axis, and said clutch mechanism (74, 76) to permit oscillatory motion of said agitator and rotary motion of said agitator and basket, said clutch mechanism comprising:

first engagement (74, 42) means connected with said agitator; and

second engagement (76, 44) means connected with said basket;

said first engagement means being adapted for selective engagement with said second engagement means upon rotation of said agitator to a predetermined angular position relative to said basket;

said first and second engagement means being disposed such that oscillatory motion of said agitator of less than a

360° stroke angle will result in no continuous contact between said first and second engagement means, and rotary motion of said agitator will cause engagement of said engagement means and resulting rotary motion of said basket after no more than 360° rotation of said agitator.



(Compl. Specn. 13 pages)

Drwgs 3 sheets)

Ind. Cl.: 205 K LVI

176873

Int. Cl.4: B 60 C 1/00

**IMPROVED PROCESS AND APPARATUS FOR HIGH SPEED, MULTI-END POLYESTER HIGH PERFORMANCE TIRE AND INDUSTRIAL YARN..**

Applicant: ALLIED-SIGNAL INC., OF COLUMBIA ROAD AND PARK AVENUE, MORRIS TOWNSHIP, MORRIS COUNTY, NEW JERSEY 07960, UNITED STATES OF AMERICA.

Inventors: HUGH HARVEY ROWAN, JAMES GORDON NEAL.

Application for Patent No. 721 Del/89 filed on 14-8-89.

Convention date 11-5-89/599,471/CA.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

#### 11 Claims

A high process for producing high performance, multi-end, polyester tire and industrial yarn comprising:—

(a) extruding molten polyester from a spinnerette to form filaments,

(b) cooling and lubricating said filaments and rolling said filaments at a speed of from about 1000 to 4000 meters per minute so that a partially oriented yarn is produced,

(c) partially drawing said filaments in a first drawing step,

(d) drawing the partially drawn filaments in a second drawing step wherein the filaments are heated and drawn by passing the filaments through a drawn point localizing steam jet,

(e) subjecting said filaments to a conditioning step, and

(f) taking up said filaments;

the improvement characterized by maintaining the tension on the filaments in the second drawing step below 5 grams per denier whereby more than one end of said filaments can be advanced simultaneously through said first and second

drawing steps and said conditioning step while maintaining yarn mechanical quality at a high level of acceptance.

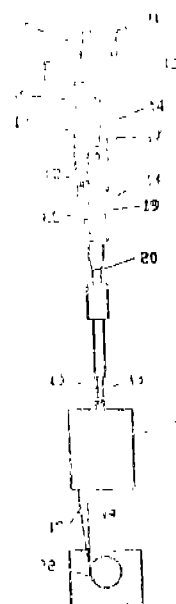


FIG. 1

(Compl. Specn. 23 pages)

Drwgs. 1 sheet)

Ind. Cl.: 58 C

176874

Int. Cl.4: F 06 B 9/26

**AN OPERATING DEVICE FOR THE SLATS OF A VENETIAN BLIND.**

Applicant: HUNTER DOUGLAS INDUSTRIES B.V., OF PIEKSTRAAT 2, NL-3071 EI ROTTERDAM, THE NETHERLANDS.

Inventor: HERMAN OSKAM.

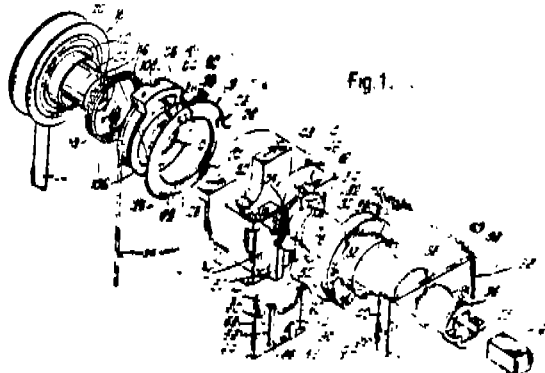
Application for Patent No. 766/Del/89 filed on 29-8-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

#### 14 Claims

An operating device for the slats (98) of a venetian blind, said device comprising a housing (12) adapted to receive a drive shaft (16) rotatable about its axis and adapted to pass through said housing (12), a rotatable member (18) mounted in said housing (12) adapted to be rotated by said drive shaft (16) in either a first direction to a first end position or in a second opposite direction to a second end position, a pivotal tilt element (92) releasably engaged with said rotatable member (18), said tilt element (92) being adapted to support the slats (98) and to tilt the slats (98) so supported between said first and second end positions, a clutch mechanism (116) interposed between said rotatable member (18) and said tilt element (92) clutch actuating means (118) for releasing said clutch mechanism (116) in each of said first and second end positions, rotationally spaced arresting means associated with said clutch actuating means (118) determining the limits of tilt, a retractable stop (60) engageable with at least one said arresting means in an intermediate tilt position between said first and second end positions, whereby, when said stop (60) is engaged with said at least one arresting means, the clutch mechanism (116) is disengaged, whereby rotation of said rotatable member (18) does not cause further rotation of said tilt element (92) beyond said intermediate position, a sleeve (26) surrounding said drive shaft and rotatable therewith, said sleeve (26) extending axially outwardly of said clutch actuating means, a radially projecting key associated with said sleeve (26) adjacent to a said clutch actuating means, an

external thread (30) formed on said sleeve (26), a translation member driven by said external thread (30), whereby when the sleeve is rotated, the translating member is caused to move axially of the sleeve (26), a cam member (74) intermediate said translating member and said housing for rotation relative thereto, a cam surface (76) on said cam member (74) an abutment (84) formed on an end surface of said cam member facing said radially projecting key (32), said abutment (84) engaging said key (32) as the translating member moves axially to an end position on said sleeve (26) after a predetermined number of revolutions in that particular direction, whereupon said key (32) rotates said cam member (74) which then acts at least temporarily to retract the stop (60) from said at least one arresting means and thereby allows engagement of the clutch (116) mechanism and thus rotation of the tilt element (92) from said intermediate position to one of said opposite end positions.



(Compl. Specn. 16 pages

Drawgs 3 sheets)

Ind. Cl.: 187 C 3 LXI (2)

176875

Int. Cl.: H 04 M 1/00

#### RECEIVER FOR SYNCHRONOUS INFORMATION SIGNAL.

Applicant: MOTOROLA INC., A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1303 EAST ALLGONQUIN ROAD, SCHAUMBURG, ILLINOIS 60196, UNITED STATES OF AMERICA.

Inventor: MICHAEL JOSEPH DELUCA.

Application for Patent No. 929/Del/89 filed on 16-10-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

7 Claims

A receiver comprising:

receiving means for receiving a transmitted signal comprising a synchronization signal and a plurality of information signals, each information signal having a plurality of portions comprising at least one binary bit signal;

synchronization means coupled to the receiving means and responsive to the transmitted signal for detecting the synchronization signal and for generating a timing signal indicative of the occurrence of one plurality of information signals;

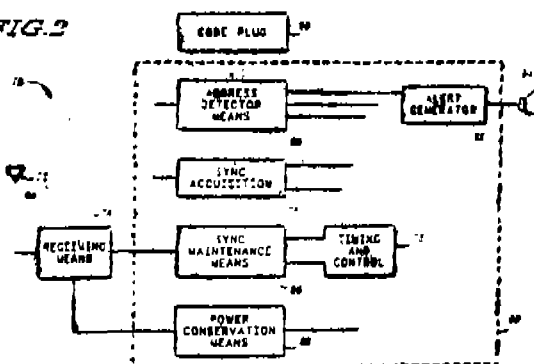
decoding means coupled to the receiving means and the synchronization means for decoding a first portion of said plurality of portions of said one of said plurality of information signals and generating a first digital word comprising at least one bit therefrom;

memory means for storing at least one predetermined digital word, each of said at least one predetermined digital word having a plurality of portions comprising at least one bit;

Comparison means coupled to said decoding means and said memory and responsive to the timing signal for comparing said first digital word to corresponding first portions of each of said at least one predetermined digital word and for generating a first undetect signal if said first digital word comprises more than N bits differing from corresponding bits of said first portions of each of said at least one predetermined digital word, where N is an integer greater than zero; and

power conservation means coupled to the receiving means and the comparison means and responsive to the first undetect signal for reducing the power consumption of the receiver for subsequent portions of said one of said plurality of information signals.

FIG. 2



(Compl. Specn. 22 pages

Drawgs 11 sheets)

Ind. Cl.: 15D

176876

Int. Cl.: F16J 15/447

#### A SHAFT-END SEAL ASSEMBLY TO SEAL A ROTATING SHAFT OF A PUMP RELATIVE TO THE HOUSING THEREOF.

Applicant: VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY I PROEKTNY INSTITUTAL JUMINIEVOI, MAGNIEVOI I ELEKTRODNOI PROMYSHLENNOSTI, OF SREDNY PROSPEKY, 86 LENINGRAD, U.S.S.R.

Inventors: ALEXANDR MIKHAILOVICH, NASONOV, ALEXANDR VASILIEVCH VELKORECHANIN, VALERY ALEXANDROVICH VELIGIN, ANDREI ALEXANDROVICH YANOSKY, VALERY VALIAKHMETOVICH SHAGAKHMETOV, LAONID ANDREEVICH KALUZHSKY, VALENTIN PETROVICH MOISEEV.

Application for Patent No. 944/Del/89 filed on 18-10-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

5 Claims

A shaft-end seal assembly to seal a rotating shaft of a pump relative to (2) the housing thereof (3) comprising a support ring secured to the shaft end means forming a hermetically tight joint therewith.

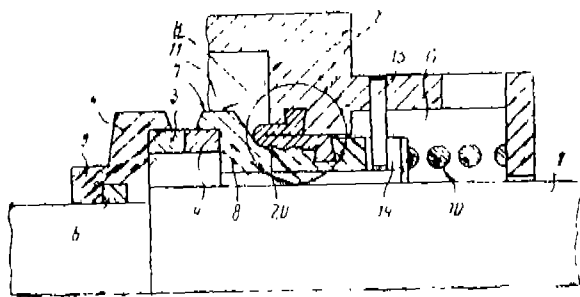
and annular thrust member (7) positioned between the shaft (1) and the housing (2) said annular (7) thrust member being displaced along the shaft (1) relative to the said support (3) ring and being held by means of an elastic (10) member to the said support (3) ring to form a friction pair with the support (3) ring,

means (6) for locking the annular thrust member relative to the housing,

a sealing (20) ring positioned between the said housing (2) and the said annular (7) thrust member, said sealing (20) ring being made of flexible elastic material and having in radial section a U-shaped form consisting of two interconnected sealing ring branches, the first branch (20A), being attached to the housing (2) provided with circular

recess (16) and the second (20B) branch attached to the annular (7) thrust member provided with circular (15) recess open on the support (3) ring side, said sealing (20) ring branches being tightly set in said circular recesses on the side of the outer surface of the annular thrust member and in the housing on the side of the inner surface of the housing.

one of the said sealing ring branches positioned in the circular recesses in the annular (7) thrust member being held to the housing (2) so as to be capable of moving relative to the housing when acted upon by the elastic force produced by said elastic (10) member and the sealing ring segment interconnecting the said two sealing ring branches on the support ring side.



(Compl. Specn. 13 pages)

Drwgs 1 sheet)

Ind. Cl.: 32E, 40B

176877

Int. Cl.4: C08F 4/06, 4/12

A PROCESS FOR THE PREPARATION OF CATALYST COMPOSITION FOR ALKENE POLYMERIZATION.

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ, B.V. OF CEREL VAN BYLANDT LAAN 30, 2596 HR THE HAGUE, THE NETHERLANDS.

Inventors: IAN GUILLAND CARSON, RETRUS ARNOLDUS ENTVEISEN.

Application for Patent No. 980/Del/89 filed on 24-10-89.

Convention date: 8825056/26-10-88/GB.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

6 Claims

A process for the preparation of a catalyst composition for alkene polymerization which comprises combining:

- (a) a solid catalyst component comprising a magnesium dihalide, an electron donor and a halide of tetravalent titanium.
- (b) a tri-alkylaluminum compound,
- (c) an electron donor, and
- (d) a di-alkylaluminum halide, characterised in that the catalyst composition is prepared by combining the components in the following order of addition:
  - first introducing component (c),
  - then adding a reaction product of components (a) and (d) and
  - lastly adding component (b).

(Compl. Specn. 10 Pages)

Drwg. sheets nil)

Ind. Cl.: 140 A(2)

176878

Int. Cl.4: C10M 137/06, 137/12.

LUBRICATING COMPOSITION HAVING IMPROVED ANTI-WEAR AND EXTREME PRESSURE PROPERTIES.

Applicant: THE LUBRIZOL CORPORATION, OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventors: SYED QALAB ABBAS RIZVI, STEPHEN AUGUSTINE DI BIASE, JOSEPH WILLIAM PIALET, FREDERICK WILLIAM KOCH.

Application for Patent No. 983/Del/89 filed on 25-10-89.

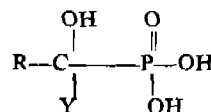
Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

13 Claims

A lubricating composition having improved anti-wear and extreme pressure properties which comprises:

from 50% to 99.5% by weight of an oil of Lubricating viscosity; &

from 0.1% to 50% by weight of a hydroxyalkane phosphonic acid salt or derivative comprising the product of the reaction of a hydroxyalkane phosphonic acid of the formula:



wherein R is an alkyl group having from 1 to 100 carbon atoms and Y is hydrogen or a phosphonic acid group;

with a base selected from the group consisting of:

- (A) a detergent such as herein described,
- (B) a dispersant selected from the group consisting of:
  - (i) Mannich dispersants,
  - (ii) Succinimide dispersants,
  - (iii) Nitrogen-containing ester type dispersants, &
  - (iv) Dispersant viscosity improves such as herein described, and
- (C) an amine having a hydrocarbyl substituent containing at least 8 carbon atoms.

(Compl. Specn. 54 pages)

Drwg. sheets nil)

Ind. Cl.: 206E

176879

Int. Cl.4: H04B 7/00, H04H 5/00

AN IMPROVED AMPLITUDE MODULATION STEREO-PHONIC RECEIVER.

Applicant: MOTOROLA INC., OF 1303 EAST ALTON-QUIN ROAD, SCHAMBURG, ILLINOIS 60196, UNITED STATES OF AMERICA.

Inventors: NORMAN W. PARKER, LAWRENCE M. ECKLUND, FRANCIS H. HILBERT.

Application for Patent No. 664/Del/91 filed on 24-7-91.

Ante-dated to 19-4-88.

Divisional to Patent Application No. 331/Del/88 filed on 19-4-88.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

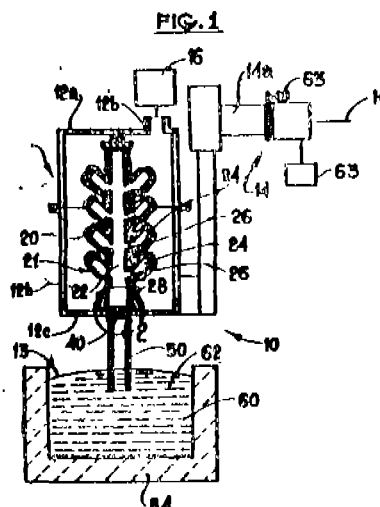
2 Claims

An improved amplitude modulation stereophonic receiver having an antenna (40) that receives a compatible signal of





casting chamber and having a mold cavity (21) and a riser passage means (42) extending from the mold cavity and communicating the mold cavity with a lower mold portion adapted for immersion in an underlying molten metal pool, a constricted inlet passage means disposed between the riser passage means and the lower mold portion, a motor (65) connected to said casting chamber for relatively moving the mold and the pool (60) to immerse said lower mold portion in the pool, a vacuum pump (16) connected to said casting chamber for applying a differential pressure between the mold cavity casting chamber (12) and the molten metal pool to urge the molten metal upwardly through said inlet passage means and riser passage means into the mold cavity when said lower mold portion is immersed in the pool, said motor (65) relatively moving said casting chamber and said pool (60) to withdraw said lower mold portion from the pool after the mold cavity is filled with the molten metal, said vacuum pump connected to said casting chamber maintaining a differential pressure on the molten metal in said inlet passage means as said lower mold portion is withdrawn from the pool, said inlet passage being constricted in size so as to coat with said differential pressure to substantially prevent the molten metal from running out of said inlet passage means, said riser passage means, and said mold cavity after withdrawal of said lower mold portion from the pool and before the molten solidifies in said inlet passage means.



(Compl. Specn. 34 pages,

Drawgs. 4 Sheets.)

Ind. Cl. : 32 B

176882

Int. Cl.<sup>4</sup> : C07C 4/04

#### A PROCESS FOR THE PREPARATION OF ETHYLENE FROM NATURAL GAS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : VASANT RAMACHANDRA CHOUDHARY  
SOPAN TUKARAM CHAUDHARI  
AMARJEET MUNSHIRAM RAJPUT

Application for Patent No. 988/Del/89 filed on 27-10-89.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 7 Claims

A process for the preparation of ethylene from natural gas which comprises passing continuously natural gas, oxygen (or air) along with steam through a tubular reactor at a pressure in the range of 0.3—3.0 atmospheres, temperature in the range of 600—1200°C, O<sub>2</sub> natural gas in mole ratio of 0.0001—0.6, steam/natural gas in mole ratio of .001—10.0

3—257 GI/96

and gas hourly space velocity (GHSV) in the range of 100—1,000.00 h<sup>-1</sup>, separating ethylene formed by known methods and if desired, recycling the unconverted gases (methane, ethane and other paraffins) from natural gas and oxygen.

(Compl. Specn. 21 pages,

Drawgs. Nil Sheets)

Ind. Cl. : 94 G

176883

Int. Cl.<sup>4</sup> : B02C 11/04

#### APPARATUS FOR CRUSHING MATERIALS AND SEPARATING FINES FROM FEED MATERIALS.

Applicant : KRUPP POLYSUYS AG, OF GRAF-GALEN-STR. 17, 4720 BECKUM, FEDERAL REPUBLIC OF GERMANY.

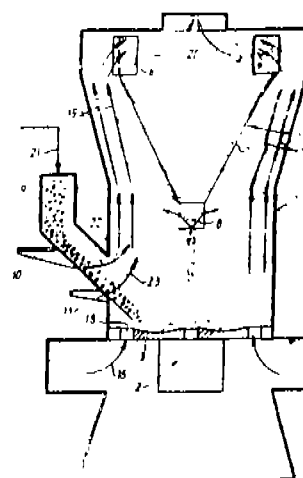
Inventors : DIETMAR HOLSIEPE, LUDGER LOHNHERR, HANS-DIETER GRUNDNO BERNHARD ZIGAN.

Application for Patent No. 1003/Del/89 filed on 1-11-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 6 Claims

Apparatus for crushing materials and separating fines from the feed material comprising a housing (1) having a crushing stage (3) forming a crushing zone, a material feed chute (9) connected to said stage for delivering relatively coarse and fine particles to be crushed, a crushing means (2) connected to said crushing stage for crushing the material delivered to said crushing stage an air inlet channel (16) located adjacent to said crushing stage for providing an air stream to enable the air stream to entrain fine particles resulting from the crushing of said material and conveying them from said crushing stage to a separator (5) located above said crushing means for separating relatively fine particles from less fine particles, a discharging means for discharging the fine particles from said housing, characterised in that at least one additional air inlet channel (10 or 11) is connected to said material feed chute (9) for drawing at least one separating air stream through the material to be crushed and for passing fine particles contained in said material directly to said separator.



(Compl. Specn. 7 pages,

Drawgs. 1 Sheet.)

Ind. Cl. : 140 A,

176884

Int. Cl.<sup>4</sup> : C10M 125/24

#### A LUBRICATING OR FUNCTIONAL FLUID COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, OF 29400 LAKE AND BOULEVARD WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA,

Inventors : JAMES JAY SCHWIND, STEPHEN AUGUSTINE DI BIASE.

Application for Patent No. 1005/Del/89 filed on 2-11-89.

Ante-dated to 20-4-87.

Divisional to Patent Application No. 341/Del/87 filed on 20-4-87.

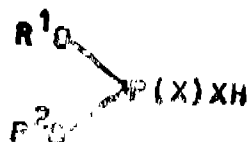
Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 14 Claims

A lubricating or functional fluid composition having improved high temperature stability comprising :

(A) a major amount of an oil of lubricating viscosity,

(B-1) at least one soluble amine salt of at least one substituted phosphoric acid composition characterized by the formula I :



#### WHEREIN

$R^1$  is hydrogen or a hydrocarbyl group,

$R^2$  is a hydrocarbyl group, and both x groups are either O or S.

(B-2) at least one di-hydrocarbyl-substituted phosphate of the formula  $(RO)_2 P(O)H$  wherein each R is hydrocarbyl group which may be same or different, and

(C) at least one soluble nitrogen-and boron containing compound which is a reaction product of

(C-1) at least one boron compound selected from the consisting of boron trioxide, boron halides, boron acids, boron anhydrides, boron amides and esters of boron acids with

(C-2) at least one soluble acylated nitrogen intermediate prepared by the reaction of a hydrocarbon-substituted succinic acid-producing compound with at least about one-half equivalents, per-equivalent of acid producing compound, of an amine containing at least one hydrogen attached to a nitrogen atom, the amount of said components (B-1) and (B-2) being from 0.1% to 5% by wt. of said composition and the amount of said component (C) being from 0.1% to 5% by wt. of said composition.

(Compl. Specn, 86 pages,

Drawgs. Nil Sheets.)

Ind. Cl. : 165 C

176885

Int. Cl.<sup>4</sup> : D05B 89/00

#### SEWING MACHINE.

Applicant : MEFINA S.A. OF 3, BOULEVARD DE PEROLLES, 1701 FRIBOURG, SWITZERLAND.

Inventor : ANTONIO JIMENEZ.

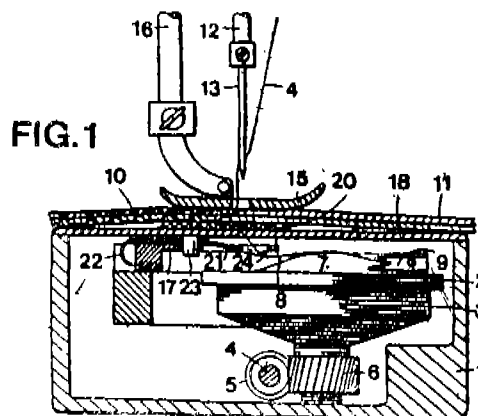
Application for Patent No. 1007/Del/87 filed on 2-11-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 8 Claims

Sewing machine comprising a longitudinally reciprocable needle bar (12) securing means (No ref.) provided on said bar (12) for a needle (13), a loop holder (3) located below

said needle bar (12) for taking hold of an upper thread (14) introduced by the needle (13) and cause said upper thread (14) to pass around a spool (7) having a lower thread (8) thereon so as to form a seam stitch, a transporter mechanism (not shown) for displacing fabric to be sewn from a completed seam stitch to a following point to be stitched, means for slackening the lower thread prior to the formation of each seam stitch, characterised by a member (21) actuated by said transporter mechanism (not shown) for said fabric to be sewn, so as to relax the lower thread (8) issuing from the spool (7) once during each cycle of the transporter mechanism, said transporter mechanism comprising a vertically movable feed dog (17), said member (21) being mounted on the feed dog (17) of the transporter mechanism and cooperating with a stationary abutment (18) upon vertical movement of the feed dog to relax the lower thread.



(Compl. Specn, 10 pages,

Drawgs. 1 Sheets)

Ind. Cl. : 194 C<sub>1</sub>

176886

Int. Cl.<sup>4</sup> : H04N 5/00.

A COLOR CATHODE RAY TUBE WHICH HOLDS A SUFFICIENT SHIELDING EFFECT AGAINST THE GEOMAGNETIC FIELD AND A METHOD OF MANUFACTURING THE SAME.

Applicant : SAMSUNG ELECTRON DEVICES CO., LTD. OF 575, SHINRI, TAEAN-EUB HWASEONG-GUN EYU-NGGI-DO, KOREA.

Inventors : YONG-DU SIN, SUK-JAE LEE, HYEONG SEOB LIM.

Application for Patent No. 1010/Del/89 filed on 3-11-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

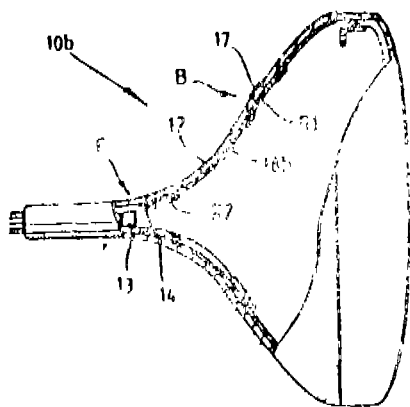
#### 9 Claims

A color cathode ray tube which holds a sufficient shielding effect against the geomagnetic field, said tube comprising an external tube having a panel (11) and a funnel (12), and electron (13) gun, and a shadow mask (21) frame assembly, characterised in that the inner surface of said funnel being provided with a conductive (186) layer made of a high permeability metal element or an alloy of high permeability metals such as herein described.

A method of manufacturing a color cathode ray tube as defined in claim 1 said method comprising combining in a known manner a panel and a funnel to form an external tube;

providing an electron gun and a shadow mask frame assembly inside said external tube; characterised in that coating in a manner known per se the inner surface of said funnel with a conductive layer consisting essentially of a high

permeability metal or an alloy of high permeability metals such as herein described.



(Compl. Specn. 13 pages,

Drwgs. 3 Sheets)

Ind. Cl.: 201 C

176887

Int. Cl.<sup>4</sup>: C01B 33/28

A PROCESS FOR PREPARING A BASIC POLYNUCLEATE ALUMINIUM HYDROXY SILICATE SULPHATE COMPOUND.

Applicant: HANDY CHEMICALS LTD. OF 745 STE. ROSE LAPRAIRIE, QUEBEC JSR 172, CANADA.

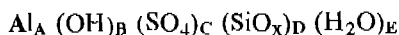
Inventors: DIETER HAASE, NRIJU SPITSYOD, KARMA JOLICOEUR.

Application for Patent No. 1017/Del/89 filed on 3-11-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 3)

A process for preparing a basic polynucleate aluminium hydroxy silicate sulphate compound having an average composition of the formula:



wherein

A is 1.0;

B. ranges from 0.75 to 2.0;

C ranges from 0.3 to 1.12;

D. ranges from 0.005 to 0.1; and

X is greater than 2.0 but less than or equal to 4.0 such that  $3=B+2C+2D (X-2)$ ; and

E is larger than 4 when the product is in aqueous form;

which comprises the step of reacting an aluminium sulphate solution with an alkali metal silicate solution at a temperature ranging from 10 to 35°C, and subsequently adding an alkali metal aluminate solution at a temperature ranging from 10 to 35°C under high shear mixing conditions producing a velocity gradient exceeding 1000 sec<sup>-1</sup>, maintaining said mixture for a digestion period such as herein described at a temperature of ambient to 90°C to recover the desired end product.

(Compl. Specn. 31 pages;

Drwgs. nil Sheet(s)

Ind. Cl.: 155 A

176888

Int. Cl.<sup>4</sup>: D02G 3/02

PROCESS FOR PRODUCTION OF A DIMENSIONALLY STABLE DRAWN POLYETHYLENE TEREPHTHALATE MULTIFILAMENT YARN.

Applicant: ALLIED-SIGNAL INC. OF COLUMBIA ROAD AND PARK AVENUE, MORRIS TOWNSHIP, MORRIS COUNTY, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors: MAXWELL CHARLES HAMLYN, THOMAS HOWARD LUCK, CHARLES JAY NELSON.

Application for Patent No. 1027/Del/89 filed on 7-11-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(4 Claims)

A process for production of a dimensionally stable drawn polyethylene terephthalate multifilament yarn having filaments of at least 2.5 denier per filament comprising:

extruding in any known manner a melt of polyethylene terephthalate to form multifilament yarn,

solidifying in any known manner said extruded multifilament yarn by gradually quenching said yarn, and

hot drawing said yarn,

characterised in that prior to said hot drawing step, said solidified multifilament yarn is withdrawn from said quenching step at a constant and desired spinning speed V and at an undrawn yarn intrinsic viscosity IV of 0.80 to 0.95 and R<sub>v</sub> value as herein described of  $9.0 \times 10^{-3}$  to  $15 \times 10^{-3}$  to obtain a partially oriented multifilament yarn having an undrawn birefringence ( $\Delta n_u$ ) of from 0.020 to  $11.5 \times 10^{-3} V^2$  and wherein  $\Delta n_u = R_f V^{2.0} IV^{2.4} \Delta(n_u)$  and hot drawing said partially oriented multifilament yarn to obtain said dimensionally stable drawn polyethylene terephthalate multifilament yarn.

(Compl. Specn. 15 pages,

Drwgs. 1 Sheet)

Ind. Cl.: 68E<sub>1</sub>

176889

Int. Cl.<sup>4</sup>: G05F 1/00

AN IMPROVED ELECTRONIC CAPACITIVE VOLTAGE REGULATOR.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001.

Inventors: CHITRADURGA SRINIVASAN PRASANNA KUMAR, ANIL KUMAR AND KAMAL BANGARI.

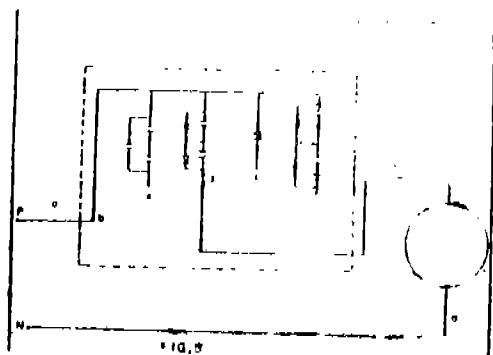
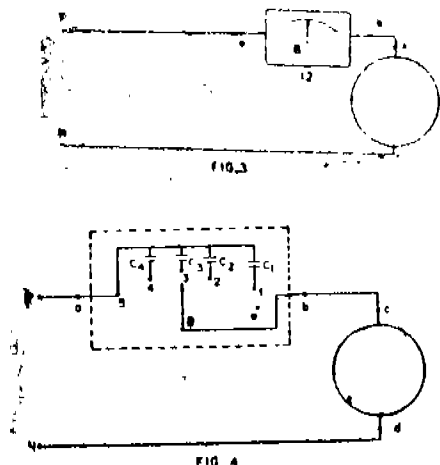
Application for Patent No. 1046/Del/89 filed on 10-11-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(2 Claims)

An improved electronic capacitive voltage regulator for regulating the supply voltage of an electrical device such as fans, lights, mixers which comprises of one or multiple capacitors, the capacitors being selected from a capacitor, a bank of capacitors, a capacitor-diode combination connected in series-parallel combination, each having capacitance in the range of 1 to 10 MFD, one terminal of the said capacitors being connected to a power source and the other terminal of

each of the said capacitors being connected through the terminal of a selector switch to the electrical device for regulating the supply voltage, the other terminal of the said electrical device being connected to the other terminal of the power source.



(Compl. Specn. 14 pages,

Drwgs. 2 Sheets.)

Ind. Cl.: 195E, 136E

176890

Int. Cl.4: F16K 31/02

**ELECTRO-MAGNETIC VALVE FOR CONTROLLING THE FLOW OF A METAL OR METAL ALLOY IN LIQUID PHASE IN A PIPE.**

Applicant: FRANCE GALVA LORRAINE, OF ZONE INDUSTRIELLE LA SAUNIERE, 89600 SAINT-FLORENTIN, FRANCE.

Inventor: JOSE DELOT.

Application for Patent No. 506/Del/90 filed on 25-5-90.

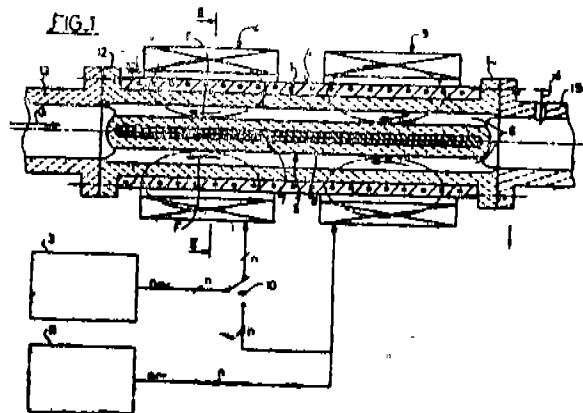
Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

5 Claims

An electro-magnetic valve for controlling the flow of a metal or metal alloy in liquid phase in a pipe (13, 15) under load, said valve comprising a tubular body (1) made of a material permeable to a magnetic field, and a polyphase exciting winding (2) disposed around said tubular body (1) to create a magnetic field sliding along the longitudinal axis of said tubular body (1).

characterised by a magnetic material core (5) maintained and extending axially in said tubular body (1), for looping said magnetic field generated by said polyphase exciting winding (2), said core (5) forming between it and the inner wall

of the tubular body (1) a substantially annular passage for said liquid metal or metal alloy whose flow is to be controlled.



(Compl. Specn. 12 pages,

Drwgs. 1 Sheet.)

Ind. Cl.: 145 E2 & E3 Gr. [XXIV (4)]

176891

Int. Cl.: D 21 C 3/02

**A PROCESS FOR THE PREPARATION OF PAPER GRADE PLUP FROM COTTON PLANT STALKS BY ANAEROBIC DIGESTION.**

Applicant: CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY, ADENWALA ROAD, MATUNGA, BOMBAY-400 019, MAHARASHTRA, INDIA, AN INDIAN INSTITUTE.

Inventors: 1. Dr. VINAYAK GHANSHAM KHANDE-PARKAR.

2. Dr. RUDRAPATNA HIRIYANNAIAH BALASUBRAMANYA &

3. Shri ABDUL JABBAR SHAIKH.

Application No. 239/Bom/93 filed on 30-7-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

9 Claims

A process for the preparation of plup and paper from cotton plant stalks by a novel method of anaerobic digestion wherein, the cotton stalk chips of about 1.5 cm.—2.0 cm. size were open boiled in different concentrations of sodium hydroxide of 1%-4% w/v with a substrate to liquor ratio of 1:10, anaerobic digestion of open boiled chips after adjustment of C/N ratio to 1:30 with urca using, 10% digested slurry from a working biogas plant as inoculum, for varying periods of time, 1 Week—4 Weeks, refining of the biodegraded stalks in a disc refiner in one pass at 15 thou clearance, beating in a valley beater to get a pulp of desired freeness of 250 CSF, followed by bleaching of the pulp with 1% sodium chlorite at 70°C for 2 hr. at a PH of 4.1.

(Compl. Specn. 11 pages,

Drws. Nil.)

Ind. Cl.: 101 H [XXVIII]

176892

Int. Cl.: E 02 B 7/24

**AN IMPROVED WEIR PLATE FOR SMALL DAMS ACROSS NULLAS OR RIVERS.**

Applicant & Inventors: (1) RAJESH PUSADKAR, 5, 'GURUKRIPA' APARTMENTS, NEAR PEOPLE'S BANK, CANADA CORNER, NASIK-422 005, MAHARASHTRA STATE, INDIA, A SUBJECT OF THE REPUBLIC OF INDIA.

(2) VIJAY KULKARNI, 5, 'GURUKRIPA' APARTMENTS, NEAR PEOPLE'S BANK, CANADA CORNER, NASIK-422 005, MAHARASHTRA STATE, INDIA, A SUBJECT OF THE REPUBLIC OF INDIA.

Application No. 245/Bom/93 filed on 5-8-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013

### 1 Claim

An improved weir plate for small dams across nullas or rivers comprising a rectangular or square steel plate of appropriate thickness characterised in that there are formed four ridges originating from respective four corners and meeting at the middle point giving an appearance of a flat pyramid and the said mild Steel plate is so bent over the ridges that the four triangular sectors slope in four different directions, the edges are further folded inwards to afford necessary strength.

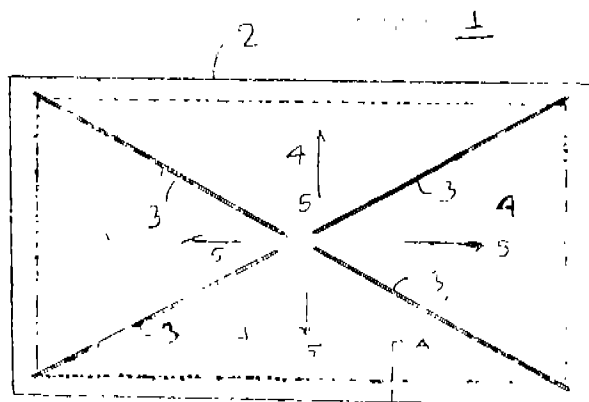


FIG. 1

(Compl. Specn. 4 pages,

Drws 1 Sheet)

Ind. Cl. : 5D [I (1)]

176893

Int. Cl. : A 01 G, 25/06

MODIFIED AUTOMATIC DEVICE FOR SOIL IRRIGATION AND SYSTEM NETWORK FOR IRRIGATION/AERATING SHALLOW/DEEP ROOTED AGRICULTURAL FARMS/GARDENS AND THE LIKE BY SAID DEVICE.

Applicant's : ECOMAX AGRO SYSTEMS LIMITED, AN INDIAN COMPANY, HAVING ITS REGISTERED OFFICE AT INDUSTRIAL ASSURANCE BUILDING, CHURCH GATE, BOMBAY 400 020, MAHARASHTRA, INDIA.

Inventor : DILIP SHANTARAM DAHANUKAR.

Application No. 317/Bom/1993 filed on October 6, 1993.

(Patent of Addition to 368/Bom/92).

Fig. 1.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

### 6 Claims

Modified automatic device for underground irrigation and aeration system network for irrigation/aerating shallow/deep rooted agricultural farms and gardens and the like by pumping humidified compressed air with or without admixture of present dose of plant nutrients/fertilizers into land/soil as claimed in Patent No. 175245 of 1992 (No. 368/Bom/1992) wherein improvements or modifications include pipes forming perforated pipes forming piping system network comprises a flexible drizzle tube of any geometrical cross section and having a plurality of pores around its periphery forming non-return valves being adapted to be laid above or below soil level or tied around a tree trunk or suspended from a network of poles/bamboo sticks embedded in soil at convenient height above soil level and covering the entire soil

area to be irrigated and forming a drizzle tube network for spraying a mist of micro droplets of water for soil soaking wherein the pores in said drizzle tube network automatically open wide enough depending of the compressed air pressure controlled to eject continuous water jet strings or streams forming a humidified atmosphere for wetting the top and sub-soil covering the entire soil area and wherein said pores forming non-return valve getting automatically closed and sealed when there being pressure drop in water supply thus preventing clogging of said pores by ingress of ants/vermin/dust/dirt/salts/phosphates and the like particles.

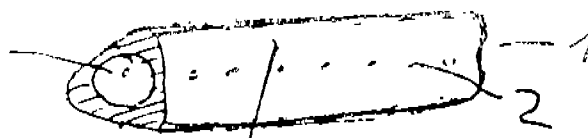


FIG-1

(Compl. Specn. 15 pages

Drws. 3 Sheets)

Ind. Cl. : 2 B<sub>8</sub> [XLI (I)]

176891

Int Cl. : G 09 F 1/12

ADVERTISEMENT DISPLAY FRAME.

Applicant : TALCHERKARS DISPLAY SYSTEMS PVT. LTD., PUHSPA KUNJ, KASHINATH DHURU ROAD NEAR KIRTI COLLEGE, BOMBAY-400 028, MAHARASHTRA, INDIA.

Application No. 325/Bom/1993 filed October 8, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013

### 7 Claims

An advertisement display frame comprising a plurality of cross-ties pivotally connected to each other along axes in three dimension, such that, the frame can be displaced from an inoperative collapsed configuration to an operative expanded three dimensional free standing configurative;

latch formations fitted to the cross-ties for detachably holding the frame in a stable expanded operative configuration; and

fixing means fitted to the corners between cross-ties for removably holding display panels.

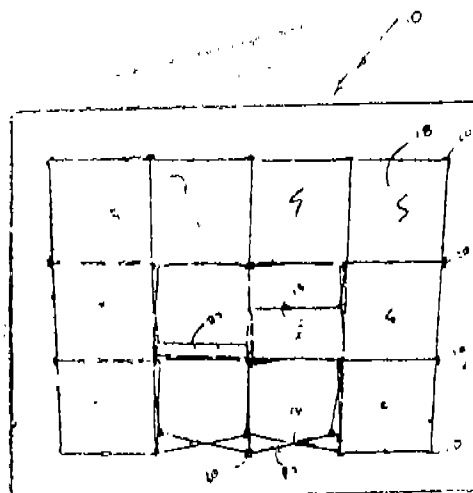


FIG. 1

Compl. Specn. 7 pages;

Drws. 4 Sheets.)

Ind. Cl. : 172 F Gr. [XX]

176895

Int. Cl. : B 65 H 69/02

**METHOD OF MANUFACTURING A SEWING THREAD.**

Applicants & Inventors : (1) MR. GERD EBERT OF AMUNDSENSTR. 26, 90453 NURNBERG, GERMANY, GERMAN NATIONAL, (2) MR. THOMAS SEITZ OF SIMMONSHOFER STR. 1, 91207 LAUF GERMANY, GERMAN NATIONAL & (3) MR. WERNER AMLER OF RINGSTR. 65, 91207 LAUF, GERMANY, GERMAN NATIONAL.

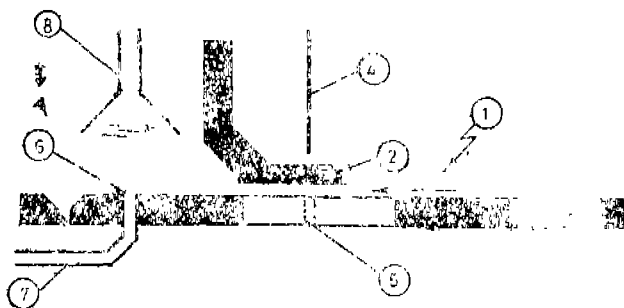
Patent Application No. 342/Bom/93 dated 26-10-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

**9 Claims**

Method of manufacturing a sewing thread for at least splash-proof stitched connections, characterised in that

- a sewing thread is provided with a precursor material of a product at least at its outer surface;
- said sewing thread is fed to a sewing device and processed into a stitched connection at a material to be sewn; and
- said stitched connection is submitted to an activation treatment, whereby the precursor material is transformed to form the desired product, and whereby said product imparts said stitched connection an increased adherence to the material to be sewn and/or makes the needle holes of said stitched connection essentially waterproof.



(Compl. Specn. 39 pages,

Drsgs. 3 Sheets)

Ind. Cl. : 83 A L, Gr. [XIV (5)]

176896

Int. Cl. : A 23 G 1/28.

**A METHOD OF PREPARING FAT CONTAINING PRODUCTS BY MOULDING.**

Applicants : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : DERYCK JOZEF CEBULA, 2. JASPAL RAYET.

Patent Application No. 388/Bom/93 filed on 21-10-93.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Bombay-13.

**10 Claims**

A method of preparing fat-containing products by moulding in which

(i) a fat-containing mass at a temperature in the range about 15°C, preferably from about 28°C to about 55°C and having a fat content of at least about 25% weight is introduced into a mould having a temperature at or below 0°C,

(ii) the fat-containing mass is retained in contact with the mould for a period sufficient to allow the fat-containing mass to solidify in an unstable form at least in the layer in contact with the mould and

(iii) the fat-containing product is removed from the mould.

(Compl. Specn. 10 pages

Drwg. Nil)

Ind. Cl. : 55 E 4, Gr. [L II (5)]

176897

Int. Cl. : A 61 K-31/445

**A PROCESS FOR THE PREPARATION OF PHARMACEUTICAL COMPOSITION HAVING INCREASED THERAPEUTIC EFFICACY.**

Applicants : CADILA LABORATORIES LIMITED, 244, GHODASAR, P.O. BOX NO. 9004 MANINAGAR, AHMEDABAD-380 008, GUJARAT, INDIA, AN INDIAN COMPANY.

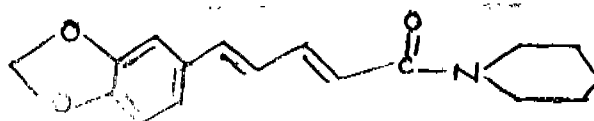
Inventors : 1. MR. INDRAVADAN AMBALAL MODI, 2. MR. RAMANBHAI BECHARBHAI PATEL.

Patent application No. 356/Bom/93 filed on 29-10-93.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Bombay-13.

**12 Claims**

A process for the preparation of pharmaceutical composition having increased therapeutic efficacy, wherein quantity of piperine varies from 0.1 to 30% by weight and quantity of the other drug varies from 70% to 99.9% by weight of the total quantity of active ingredients of the drug and which comprises of mixing piperine of the formula 1



shown in the drawing accompanying this specification and a drug used for the treatment of cardiovascular, Central nervous system, gastro-intestinal tract, respiratory tract, endocrine system, genito-urinary tract, haemopoetic and musculoskeletal system of the human body.

(Compl. Specn. 33 pages

Drwgs. 1 sheet.)

Ind. Cl. : 123 Gr. [I (4)] &  
32 C, Gr. [IX (1)]

176898

Int. Cl. : C 08 B-37/06

**PROCESS FOR MANUFACTURING ORGANIC ADDITIVE FOR LIQUID ORGANIC SPRAY MANURES FOR RETARDING THEIR EVAPORATION AND PROMOTING HEALTHY AGRICULTURAL GROWTH AND CROP YIELDS THEREFROM.**

Applicants : INDO- BIOTECH FOODS LIMITED, AN INDIAN COMPANY HAVING ITS OFFICE AT INDUSTRIAL ASSURANCE BLDG., CHURCHGATE, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : DILIP SHANTARAM DAHANUKAR.

Patent Application No. 376/Bom/93 filed on 5-11-1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Bombay-13.

## 3 Claims.

Process for manufacturing organic additive for liquid organic spray manures for retarding their evaporation and promoting healthy agricultural growth and crop yields therefrom comprising the steps of:

(i) chopping peels of citrus fruits/skins of guavas/man-goes/and other pectin rich fruit skins into small pieces,

(ii) soaking the said mass of step (i) in to water in the ratio of 1 : 2 to 1 : 6,

(iii) adding citric acid, vinegar and the like to bring its ph level between 2-4 depending on the natural ph content in the said chopped fruit skins of step (i);

(iv) heating the mass of step (iii) to near its boiling point and holding it at that temperature for 20-40 mins, or more till pectin impregnated in said mass adsorbs into the liquid and gets mixed with water to form pectin solution and straining said hot liquid to free it from the insoluble fruit skin pieces and allowing the strained liquid to cool down to room temperature to form pecting rich liqueur.

(v) said cooled liqueur of step (iv) being used as an additive for liquid organic manure either at the factory as ready-to use sprayable organic manure liquid or bottling said cooled liqueur separately for being used at user-end as an additive for liquid organic manure at user end.

Compl. Specn 07 pages,

Drwgs. Nil

Ind. Cl. : A 23 G-9/00; 9/04

176899

Int. Cl. : 83 A 1

## A METHOD OF PREPARING AN ICE CONFECTION.

Applicant : HINDUSTAN LEVER LTD, 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) DAGMAR SIMONE BENNETT (2) ARTHUR DAVID JONES.

Application No. 390/Bom/93 filed on 16-11-1993.

U.K. Convention Priority date Nov 18, 1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

## 2 Claims

A method of preparing an ice confection containing kappa-casein as a component of milk protein wherein the kappa-casein in contacted with a milk-clotting enzyme at a temperature andn for a time sufficient to cleave from about 15% to about 70% of the kappa-cesein in the protein.

Compl. Specn. 9 pages

Drwg. 1 sheet

Ind. Cl. : 83 A 1, Gr [XIV (5)]

176900

Int. Cl. : A 23 G-3/00, 3/02

## A METHOD OF PREPARING CHOCOLATE PRODUCTS.

Applicants : HINDUSTAN LEVER LIMITED, A HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventor : GARY NORMAN BINLEY.

Patent application No. 397/Bom/93 filed on 19-11-93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

## 7 Claims

A method of preparing chocolate containing products by moulding between two separable mould surfaces defining a closed cavity comprising the steps of:

(i) introducing a chocolate containing mass at a temperature in the range from about 28°C to about 55°C and having a fat content of at least about 25% into the cavity

between the separable mould surfaces, which surfaces have different thermal conductivities.

(ii) retaining the chocolate containing mass in contact with the mould surfaces for a time sufficient to allow it to solidify; and

(iii) separating the mould surfaces and removing the chocolate containing product.

Compl. Specn. 9 pages

Drwg. 1 sheet

## AMENDMENT PROCEEDING UNDER SECTION 57

Notice is hereby given that S.B. Reshellers Pvt. Ltd, an Indian Company of Plot No. D-5 D-15, MIDC Industrial Estate Shirol, Kolhapur 416122, Maharashtra, India have made an application under Section 57 of the Patents Act, 1970 for amendment of the application for Patent/Complete Specification of their Patent No. 175902 (246/Bom/1992) for "A heavy duty high tongue lathe." The amendments are in the name of Grantee as S.B. Reshellers Pvt. Ltd." in the application and complete specification. The application for amendment and proposed amendment can be inspected free of charge at the Patent Office Branch, Todi Estate, IIIrd Floor, Sun Mill Compound, Lower Patel (West) Bombay-400013 on any working day during the office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file the notice of opposition on the prescribed form-30, alongwith full written statement within three months from the date of their notification at the Patent Office Branch, Bombay. If full written statement of opposition is not filed with the notice of opposition it should be filed within one month from the date of filing the said notice of opposition.

Request for amendment for change of the name of the applicants, Hmont Incorporated of 2801, Centerville Road, New Castle County, Delaware, U.S.A. a Delaware Corporation, a Corporation duly organised and existing under the laws of the State of Delaware, U.S.A. to Montell North American Inc. in the application for patent No. 176323 as advertised in part III, Section 2 of the Gazette of India dated 28-5-96 had no oppositoin within the stipulated period : the said amendment has been allowed.

## RENEWAL FEES PAID

157736 157976 158109 158377 158455 158640 158662 158790  
159243 159248 159291 159521 159841 160344 160499 160498  
161084 161740 161864 162519 162560 162705 162837 163029  
163075 163157 163349 163350 163752 163783 163926 163987  
164130 164146 164697 165365 165750 165872 165889 166138  
166679 166692 166845 166923 168809 168919 169031 169198  
169219 169222 169341 169419 170185 170186 170263 170298  
170354 170536 170551 170693 170817 171027 171031 171086  
171138 171264 171460 171510 171659 171732 171865 171975  
172184 172450 172526 172802 172803 172804 172823 173110  
173120 173141 173153 173231 173232 173365 173312 173723  
173817 173818 173833 173859 174029 174141 174522 174990  
175199 175543 175770 175771 175779 175780 175826 175829  
175833 175836 175868 175869 175877

## CESSATION OF PATENTS

161244 161254 161269 161300 161340 161360 161385 161390  
161393 161408 161432 161439 161441 161451 161478 161497  
161537 161654 161684 161697 161718 161723 161728 161743

## PATENT SEALED ON 30-8-96

175751\*F 175985 176228\* 176229\* 176231 176234 176239  
176251 176257\*F 176259\*F 176260\*D 176261

CAI—06, DEL—01, BOM—05, MAS—NIL

\*Patent shall be deemed to endorsed with the words IJCENSE OF RIGHT under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

F—Food Patents, D—Drug Patents.

## COMMERCIAL WORKING OF PATENTED INVENTIONS.

## MECHANICAL ENGG. INDUSTRY LIST NO. III

The following Patents in the field of Mechanical Engineering Industry are not being commercially worked in India as admitted by Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of calendar Year 1993, generally on account of want of request for licences to work the patented invention. Persons who are interested to work the said Patents commercially may contact the patentees for the grant of a license for the purpose.

Patent No.	Date of Patent	Name & Address of Patentee.	Title of Inventions.
1	2	3	4
166131	29-10-1985	AJIT-V.Mehta, of 3548, Illinois Road, Wilmette, Illinois-60091.	A retractable drive system for a rubber tired vehicle.
161091	1-6-1984	Alfred Reader & Co. Ltd, of Invicta Works, Teston, Maidstone, kent, ME 18, 5AW, England.	A ball and the method of manufacture thereof.
169289	29-4-1987	American Standard Inc, of 40, West 40th Street, New York, New York-10018, USA.	A control valve device for use on each car of a railway train having a brake pipe interconnected to the brake pipe of the adjoining car.
170193	9-9-1987	Do.	A control valve device.
170634	1-12-1989	Do.	A hand brake arrangement for a railway car truck.
170815	16-3-1988	Do.	A control valve device for a railway train with fluid pressure charged pipe interconnected between adjoining cars.
160729	16-7-1984	Amsted Industries Inc, 205, North Michigan, Avenue, 44th Floor Boulevard Towers South, Chicago, IL, 60601, USA.	Pouring Tank transfer car including track assembly.
161195	13-7-1984	Do.	Mold transfer assembly.
163295	6-12-1984	Do.	A coupling arrangement for railway cars.
166018	6-9-1985	Do.	An improved strike for assembly apparatus for Railway cars.
166027	20-11-1985	Do.	A railway truck friction shoe pocket for accommodating a friction shoe therein.
166138	01-01-1986	Do.	A slackless coupler connection for a railway car.
166177	16-9-1985	Do.	A method of manufacturing a wire rope and a wire rope manufactured thereby.
166562	15-11-1985	Do.	Plastic filled wire rope with strand spacer.
167184	17-3-1986	Do.	A railway coupler.
167242	31-3-1986	Do.	Apparatus for obtaining temperature of an object such as a railway wheel being heat treated.
169914	28-8-1986	Do.	A railway truck with longitudinally spaced wheel sets.
168093	15-10-1986	Do.	An improved apparatus for positioning and stinging rail road wheels.
163535	30-9-1986	Akshono Brake Industry, Co, Ltd, of 10, 19-5, Koami-cho, Nihon bashi-chuo-ka, Tokyo, Japan.	Straightener roll machine for brake shoe.



1	2	3	4
169222	15-1-1987	Amsted Industries Inc, USA.	A grinding apparatus.
170095	1-9-1987	Do.	Hardness testing device.
162135	20-7-1984	Arthur Ernest Bishop, of 17, Burton Street, Mosman, New South Wales, Commonwealth of Australia & Klaus, Juergan Roeske, Australia.	A machine for cutting the teeth of a rock.
166697	15-10-1986	Baltimore Aircoil Company, Inc, of 7595, Montevideo, Jessup, Maryland-20797, USA.	Across flow cooling tower.
165494	10-2-1987	Bespak Plc, of Bergen, Way, North Lynn Industrial Estate, Kings, Lynn, Norfolk, PE30, 2JJ, England.	Improvement in or relating to gas pressurised dispensing containers.
158407	14-11-1983	Bhaskar Ramchandra Pai, of Asst. Director, National Aeronautical Laboratory, Bangalore-17.	An improved device for measuring flow rates of fluids.
159379	29-6-1983	Castrol Ltd, of Burmah, House, Pipers Way, Swindon, Wiltshire, England.	Liquid dispensing system.
169725	9-6-1987	Charbonnages De France, of 9 Avenue, Peroier, 75008, Paris, France.	A supporting installation for mining.
170405	18-11-1987	Do.	A machine for stamping mixtures of coal for coking in a stamping box.
162530	18-12-1984	Coflexip, of 23, avenue, de Neuilly-75116, Paris, France.	Apparatus for making a continuous tubular structure.
155883	14-4-1981	Council of Scientific Industrial Research, of Rafi Marg, New Delhi-110001, India.	A closed circuit hydraulic prop. for the support of mine roofs with an improved relief valve mechanism.
156163	2-9-1982	Do.	An improved air generator fired by particulate fuels.
156205	25-4-1981	Do.	An improved device for automatic precision grinding of tube/rod end surfaces.
157849	25-6-1982	Do.	A machine for internal and/or external surface of core pipes.
157850	30-6-1982	Do.	A composite multisection quick release centering prop for use in insite concrete constructions.
161452	4-7-1984	Do.	Improved automatic Water sprinkler for use as a fixed fire protection device.
161527	5-11-1985	Do.	Improvements in or relating to a fish mincing machine.
162646	13-9-1985	Do.	An improved device for measuring weight of charge unloaded by the rotary wagon tippler from wagons.
162998	11-6-1985	Do.	An improved refrigeration device for cold storages.
163395	29-3-1985	Do.	Swing blade crosswind axis turbine.
164268	12-12-1985	Do.	An improved dual fuel injection device for gas turbine combustion chamber and a gas turbine engine fitted with the said fuel injector.
164773	24-12-1985	Do.	An improved two stroke engine.

1	2	3	4
165436	1-1-1986	Council of Scientific Industrial Research, of Rafi Marg, New Delhi-110001, India.	A process for the manufacture of insulating brick from rice husk ash.
166144	12-2-1987	Do.	A turbine blade having inbuilt cooling arrangements.
167670	10-3-1988	Do.	A theft alarm system.
167940	7-9-1987	Do.	Multifunctional digging tool to function as spade-cum-hoe.
168300	8-12-1987	Do.	A process of separation of pure plantago ovato (Isapgol) mucilage, from its whole seed and seed husk.
168453	1-10-1986	Do.	An improved device for the production of silicon rods from silicon filaments.
168797	30-6-1986	Do.	A device for the extraction of oil from oil bearing seeds.
169123	16-3-1989	Do.	A moulding device for preparing spherical segment mirrors using mirror films bonded to fibreglass reinforced plastic dishes.
170349	19-8-1987	Do.	Flexible element for cartwheel axle and a cart wheel incorporating the said flexible element.
170433	29-12-1987	Do.	An improved wind mill.
170582	2-6-87	Do.	A fastening device to prevent pipes from slippage.
170764	30-5-1988	Do.	An improved blood analysis equipment.
170827	19-8-1987	Do.	An improved aeroenging gas turbine.
159927	16-1-1985	Dewan Kraft Systems Pvt. Ltd. of N-127, Greater Kallash-I. New Delhi-110048. India.	A flotation device for removal of impurities from a slurry.
170447	4-2-1987	Dom-Sicherheitstechnik. GmbH. & Co. of Wesslingerstrasse-10, 16, D-5040. Bruhl. West Germany.	Looking device.
169622	27-5-1987	Dr. Rernat. Hans-Georg. Boehm. of Kellergrunweg-13. 6242. Kronberg/Ts.. West Germany.	Steampressure cooking pot.
160123	18-7-1984	Dr. Werner Freyberg Chemische Fabri. Delitia NACHF. of 6941. Laudenbach. F.R. Germany.	An applicator for use in pest control.
165595	18-7-1984	Do.	A method of making an applicator in the form of a sachet suitable for containing a gas evolving pest control agent.
171044	30-7-1987	DU Pont (Australia) Ltd, of 168, Walker Street, North Sydney, New South Wales-2060, Australia.	Tensionable dowel for reinforcing walls &/ or roofs in excavations.
170417	21-6-1988	Dynamic Engineering Inc, of 703, Middle, Ground, Vivd, Newport, News, Virginia, 23606, USA.	A device for exciting flutter modes in air- craft, during testing.
166723	6-5-1986	Emhart Glass Machinery Investments Inc, C/o. RL & F Service corp. One Rodney Square, 10th Floor, 10th, Kings Street, Wilmington, Delaware, 19801, USA.	Drive system for a glass container produc- tion, line.
171249	13-10-1987	Enkotec, A/c, of Danmarksvej-37, DK-8660, Skanderberg, Denmark.	A tool ring for securing blank in particular in a nail marking machine.

1	2	3	4
168875	8-5-87	Harold Jack Kosasky of 25, Boylston, Street, Chestnut Hill, Massachusetts, USA.	Ovulation testing apparatus.
170429	12-1-1988	Hedley purvis Ltd, of Coopies Lane, Industrial Estate, Morpety, Northumberland, NE61, 6IV, UK.	A torque wrench.
169349	8-4-1987	Hercules Security Fabrications Ltd, of 4th Avenue, Team Valley Trading Estate, Gateshead Tyne & Wear, NE-11, OJT, England.	Rotary anti-scaling device.
169821	2-3-1983	Hindustan Leaver Ltd., Bombay, India.	Novel device for use in modifying the phase characteristics of soap feed stock.
163014	26-11-1984	Honda Giekn kogyo Kabushiki Kaisha, of No. 27-8, 6-chome, Jingusae, Shibuya-ku, Tokyo, Japan.	Replaceable gang head machine tool.
166524	19-11-1985	Hugh Patrick Christic of 50, Bevington Road, Glenunga, State of South Australia.	Tea bag with a protective cover and a Method for manufacturing the same.
169562	15-5-1987	Do.	Method of and apparatus for manufacturing an infusible bag with a cover.
160344	2-3-1984	Institut Francais Du petrole, of 4, Avenue De, Bois, preau, 92502, Rueil, Malmaison, France.	A device for automatically determining the composition fuel comprising alcohol and petrol/supplied to a combustion unit.
163157	17-1-1985	Do.	Device for generating sound pulses inside a well by percussion.
169341	15-1-1987	Do.	An improved device for installing seismic sensors inside a petroleum production well.
170817	22-3-1988	Do.	A device for carrying out measurements and/or works in a well portion.
171528	2-8-1989	J.M. Voith, G.M.M.H, of D-7920, Heidenheim Sankt, Poltner, strasse-48, postfach, 1940, F.R. of Germany.	Adjustment device for the runner blades of kaplan turbines.
164968	30-10-1985	John Derek Guest, of Iona, Cannou, Hill Way Bray, Maidenhead, Berkshire, UK.	Improvement in or relating to tube couplings.
161737	5-9-1984	Karl Von Wedel, of Amselstrasse, 5, 3057, Neustadt 1, Federal Republic of Germany.	A heat resistant grate element shaped as a grate plate.
166725	13-8-1986	Lego, A/s. Formerly Known as Interlego A.S. of Denmark, of Astvej, 1, DK-7190, Billund, Denmark.	A toy.
150269	23-2-1981	Lucas Industries Public Ltd, Company of Great King Street, Birmingham 19, England.	A pin sliding caliper disc Brakes.
150461	8-2-1980	Do.	A friction lining wear indicator for shoe drum brake.
150635	9-01-80	Lucas I.P. Ltd, Copy. of Great King Street, Birmingham-19, England.	Vehicle load sensing arrangement.
150636	5-3-1980	Do.	Drum brake adjuster.
150673	7-7-1980	Do.	A piston assembly for hydraulic master cylinder.
150779	25-5-1980	Do.	Automatically adjustable drum brake.
162334	4-9-1984	Do.	Actuator assemblies for vehicle brakes.
163140	29-11-1984	Do.	Internal shoe drum brake.

1	2	3	4
170363	22-2-1988	MARC Edovard Irigoven, of 53, Course, De, 1, Intendance, 33000, Bordeaux, France, & Pierre Michel, Patrick Bourrier, of, France.	Support & attachment system for long span laminated or composite materials beams.
168423	11-11-1986	Masataro Sato, of 191, Banchi, OOaza, Ikenobe, Mikicho-kita-gun, Kanagawa-ken, Japan.	Brake system for bicycles.
153236	17-10-1979	Mechanical plastics Corporation, of Castleton street, Pleasantville, State of New York, USA.	High strength anchor assembly for fastner.
164976	15-1-1986	Do.	An anchor assembly for retaining an elongated fastener within an opening of wall.
171358	21-8-1987	Do.	Fastening device for fastening items to any of a hollow thick or solid support member.
158051	26-3-1982	Mineral Deposits Ltd., of 8J, Ashmore Road, Southport, Queensland, Australia.	Improved spiral separator.
160773	17-4-1984	Do.	Improved spiral separator.
165189	25-11-1985	Do.	Spiral Separator.
159226	18-2-1984	Mitsuboshi Belting Ltd., of No. 1-21, Hamagoe-dori, 4-chome, Nagataku, Kobe-shi, Hyogo, Japan.	Method for manufacturing elongated logged V. belt.
158168	16-4-1984	Motor Industries Co., Ltd., of Hosur Road, Adugodi, Bangalore-560030. India.	Improvements in filter inserts.
155023	11-12-1980	National Research Development Corporation, of P. O. Box 236, Kingsgate House, 66-74, Victor Street, London, SW1E, 6SL. England.	Improvement in or relating to the valve timing mechanism of internal combustion engines.
163829	11-6-1985	Do.	Whole crop harvesting or separating apparatus.
169908	8-6-87	OI-NEG TV. Products, Inc. of one Seagate, Toledo-Ohio 43666, USA.	An improved method and apparatus for making glass cathode ray tube face plates.
169909	8-6-87	Do.	Apparatus for pressing cathode ray tube face plates.
167795	9-7-86	Owens. I. P. Products, USA.	A bottle that is adopted to filled with a liquid product that is it an elevated temperature.
168127	15-10-86	Owens I. G. C. Inc., USA.	A system for inspection and sorting of molded container.
169347	2-4-87	Do.	Apparatus for inspecting the finish of containers.
170159	5-11-85	Do.	Atamper resistant child resistant package with a snap on closure.
170188	6-2-1986	Do.	A screw cap for closing the open upper finish of a container.
169931	23-12-1986	Palimondial S. A. of 32, Rue. J. P. Brusseeur, Luxembourg.	A base element of rectangular shape.
168480	8-10-1986	Palitex Project Company, GmbH. West Germany.	A bobbin holder.
169156	19-2-1987	Do.	A thread brake mechanism for a spindle assembly of thread processing machine.

1	2	3	4
159675	24-2-1983	Paul Wurth S. A. of 32, rue. d' Alsace, Luxembourg, Grand-Duchy, of Luxembourg.	Device for coupling.
159870	8-12-1983	Do.	Apparatus for guiding and changing immersion lances.
160258	8-3-1984	Do.	Apparatus for plugging tap holes of shaft furnaces.
160951	4-4-1984	Do.	Apparatus for plugging the lapholed of shaft, furnaces.
170566	25-2-88	Peter-Btr. Gummiwerke, Aktiengesellschaft, of Geleitstrasse 11B-6450, Hanau 8; F. R. of Germany.	A method for producing a driving or conveyor belt made of rubber or a rubber like material.
166339	10-12-1985	PFister GmbH. of Stactzlingerstrasse-70, D-8900, Augsburg, Republic of Germany.	Force measuring device.
169588	22-9-1987	Pfizer Hospital Producers Group, Inc, of 235, East, 42nd Street, New York, USA.	Apparatus for draining fluids.
158262	12-7-1982	Portals Ltd, of Overton, Mills, Overton, Basingstoke, Hampshire RG, 25, 3JG, England.	Method of forming paper having partially embedded within its thickness a strip and paper so formed.
157867	8-4-82	Radiall Industrie, of 101, Rue Philibert, Hoffmann Zone, Industrielle Oyest, 93116, Rosny, Sous-Bois, France.	Connector for optical fibres and a method of producing it.
170360	11-12-1987	Robert Henry Abplanalp, of 10, Hewitt, Avenue, Bronxville, NY-10708, USA.	An aerosol valve unit.
169797	01-6-1987	Rosemount Inc., USA.	A pressure sensor.
168354	21-10-1986	Sandvik Asia Ltd., Pune, Maharashtra, India.	Pipe Joint.
171048	17-3-1988	Do.	Tool intended to be rotatably mounted in catter.
171052	18-4-1988	Sandvik Asia Ltd., Pune, India.	A tool assembly.
167033	11-7-1986	Sanford Redmond, of 746, Riverbank Rd., Stamford, Connecticut, 06903, USA.	Dispenser package for flowable substance.
160643	9-8-1984	Santrade Ltd., of A1 Penquai 12, 6002, Luzern, Switzerland.	Apparatus for the production of granulates
166492	4-10-1985	Schabert & Salzer Maschinenfabrik Aktiengesellschaft, of Fridrich-Ebert-Strasse, 84, 8070, Ingolstadt, Germany.	A method and an appratus for thread joining in an open end spinning appratus.
167889	4-11-1986	Do.	An appratus for supplying conical bobbins to the winding stations of a textile machine.
168357	4-11-1986	Do.	A device for removing a fibre mat leaving a pair of rollers and forming it into a siver.
168747	17 11-1986	Serge Bajada, of 30, Holdsworth Street, Fremantle Western, Australia, 6160.	Appratus for testing the sensory system in humans and animals.
166020	9-9-1985	Serlumberger Industries, 12, Place, Des, Et as-Unis-92120, Montrouge, France.	A globe valve having a dismountable seat for rapid maintenance.
1700062	5-8-87	Shell Internationale, Holland.	An appratus for heating stem formed from cooling water used in a heat exchanger for hot gas.

1	2	3	4
170697	12-5-1988	Shell Internationale R. M.B.V. Holland.	A device for contacting gas with solid particles.
170378	10-3-1987	Societe D' Etudes De, Machines Thermiques S.E.M.T. of 2, Quali, de seine, 93202, Saint Denis, France.	An injector apparatus for an internal combustion engine.
169253	3-5-85	Societe Nationale Dlf. Aquitaine (Production) France.	An oil production apparatus for a sub-Sea station of modular design.
160550	18-1-1983	Sony Corporation, Japan.	Tape cassette.
169769	9-12-1986	Stein Industrie, of 19-21, Avenue, Morane Saulnier, 78140, Velizy-Villacoublan, France.	A horizontal cylindrical rotary pulverizer for preparing pulverized material of two different degrees of fineness.
165614	12-6-1985	Stork Screens B. V. of 3, Raamstraat, 5831, AT. Boxmeer, Netherland.	A screen for printing and method for manufacturing the same.
157732	25-1-1982	Svenska Rotor Maskiner Aktiebolag, of P. O. Box 15085, S-104-65, Stockholm, Sweden.	Screw rotor machine for working fluid.
177521	10-11-87	Technip Geoproduction, Tour Technip, 10, Place, Henry Regnault, 92000, Paris, La. Defence, France. And Engrenages Et. Reducteurs Citroen-Messian Durand, of France.	Suspension device for the support/ags of a Jack-up oil plat form.
157770	29-1-82	Tetra Pak International AB, of Box-1701, S-221-01, Lund, Sweedon.	Machine for manufacturing filling and sealing packages.
158879	6-8-1982	Do.	Apparatus for the accurately aligned embossing painting or blanking processing of a printed web in a packaging machine.
161654	12-7-1984	The Charles Stark Draper Laboratory, Inc., of 555, Technology Square, Cambridge, Massachusetts-02139, USA.	A device for joining the seams of a multi-layer limp fabric work piece.
169193	16-4-1986	The Cross Company, 17801, Fourteen Mile Road, Fraser, Michigan 48026, USA.	Toolhead for use in a turning machine.
169236	16-4-1986	Do.	A device for controlling radial position of a tool relative to rotational axis of work piece.
169380	7-1-1986	The Goodyear Tire & Rubber Company, of 1144, East, Market Street, Akron, Ohio-44316, 0001, U.S.A.	Method of manufacturing partially crystalline polyester articles.
160341	10-4-1985	Thuruthiparambil, Kumaran, Premkumar, Thuruthiparambil, E. R. G. Road, (M.M. Road), Cochin, 682031.	Energy Converter.
158912	13-4-1983	Tioxide Group, Inc., of 10, Stratton, Street, London W1A-4XP, England.	A fabric comprising a laminate.
165991	24-1-1986	Titan Mining and Engineering Pty. Ltd., of Cur Woodstock, Street & Industrial Highway, Mayfield, New South Wales-2304, Australia.	Deformed bar for particular use as a rock bolt.
167215	2-4-1986	USINER ACIERS, of La. Defence 9-4, Place De La Pyramide 92800, Puteaux, France.	A machine for removing bars from an edge of a side of a slab which issues from a continuous casting plant.
159012	22-2-1983	Vallource of 7 Place, du Chancelier, Adenauer, 75016, Paris, France.	A jointed pipe especially of steel and alloy which is oil tight at high pressure.
168067	7-10-86	Do.	A detachable and interchangeable joint for steel tubing.

1	2	3	4
169302	10-3-1987	Wabco, of 4775, Seaman, Street, Stormey, Creeg, Ontario, Canada. L8E, 2R2.	A hydraulic brake actuator.
170215	18-8-1987	Wabash National Corporation, of 1000, S. Sagamore, Parkway, Lafayette, Indiana, 47905, USA.	An adapter to be mounted on a boldter of a rail road truck.
170266	4-6-1987	Do.	An Improved rail truck, assembly for use in an improved railway train of high way. trailers.

## COMMERCIAL WORKING OF PATENTED INVENTIONS

## ELECTRICAL ENG. INDUSTRY LIST NO. III

The following Patents in the field of Electrical Engineering Industry are not being commercially worked in India as admitted by Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970, in respect of Calender year 1993, generally on account of want of request for licences to work the Patented invention. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a license for the purpose :—

Patent No.	Date of Patent	Name & Address of Patentee	Title of Inventions
1	2	3	4
166172	10-9-1985	Adrian March Ltd. of 7, Argyle Close, white. Hill, Bordon, Hampashire. Gu 35-9PU, England.	A position sensor for detecting changes in the relative position of two bodies.
161549	12-6-1984	BICC Public Limited Co., of 21, Bloomsburg Street, London WC1B, 3QN, England.	An overhead flexible electric conductor.
167451	14-5-1986	Board of Regents, The University of Texas, System, of 201, West 7th, Street, Austin, Texas 78701, USA.	An appratus for carrying out an electro-magnetic geophysical survey.
171957	14-5-1986	Do.	An appratus for obtaining a resistivity survey of the earth surface.
165262	24-6-1985	Charbonnages De France, of 9 Avenue Percier, 75008, Paris, France.	A device for transferring on a frequency carrier signals relative to an electric machine.
161449	03-7-1984	Contraves Italia SPA, of Via, Affile, 102-00131, Rome, Italy.	Reflector Antenna.
162627	8-3-1985	Council of Scientific & Industrial Research, New Delhi, India.	Low power water cooled klystron valves.
163177	30-8-85	Do.	An improved device for starting room air-conditioner units.
163291	2-11-1984	Charbonnages De, France, of 9 Avenue, Paroier, 75008, Paris, France.	A direct view remote control appratus for remote control of machine.
163445	29-3-1985	Council of Scientific & Industrial Research, New Delhi, India.	Improved process for making transparant electrically conducting patterns on glass substrates for electro-optical display devices.
166228	20-1-1987	Do.	An improved three phase motor starter with in built single phase preventor.
166411	20-9-1985	Do.	Improvements in or resting to a process for the preparation of ceramic magnets.

1	2	3	4
167859	21-1-1988	Council of Scientific & Industrial Research, New Delhi, India	Electronic digital maximum demand indicator.
167953	22-2-1988	Do.	Timer actuated switch for industrial dust collectors as well as for the control of sequential cyclic switching of loads.
167996	29-10-1986	Do.	A process for direct electrowinning of lead metal from galena concentrate.
168044	19-10-1987	Do.	An improved electronic chip.
169387	16-12-1987	Do.	Electronic control device for electrochemical dissolution process.
168882	29-10-1986	David Ostle, of 19540, Patrick Place, Corcoran, Minnesota, 55340, USA.	A system for providing power to an electrical generating power plant.
164849	17-12-1985	Ford Aerospace and Communications Corporation, of-300, Renaissance Center, Detroit, Michigan-48243, USA.	A system for reducing spacecraft instrument pointing errors caused by instrument motion induced spacecraft motion.
170397	9-2-1988	General Instrument Corpon, of 767, Fifth, Avenue, New York, NY, 10153, USA.	Process for fabricating semiconductor devices.
164146	14-2-1985	Institut Francais Du, Petrole, France.	A sound wave reception device.
171264	23-3-1988	Institut Francais Du, Petrole, France.	A system for transmitting signals.
165182	15-10-1985	International Mobile Machines Corporation, of 100, North 20th Street, Pennsylvania-19103, USA.	Modern for RF subscriber telephone system.
165724	15-10-1985	Do.	A system for processing a given number of information signals received simultaneously over telephone company trunk lines for simultaneous transmission over a given radio frequency (RF) channel.
169257	23-10-1986	Do.	A combination of synthesizer and a read only memory (Rom) in a broadcast telephone system.
165460	17-4-1985	Jeumont-Schneider of 31-32, Quai De, Deon, Houton-92811, Puteauk, Codex, France.	An oscillating circuit for a detector.
767048	12-3-1986	Jeumont-Schneider of 31-32, Quai De Deon, Bouton, 98811, Puteault, Codex, France.	Appratus for monitoring the period of separation of impulses.
167685	2-6-1987	LA-Telemecanique Electrique, of 33, bis, Avenue, du Marechal Joffre. 92000. Nanterre, France.	Frequency convertor for the power supply of a synchronous motors.
165187	20-11-1985	Leyland vehicles Ltd. of Lancaster House, Leyland Lancashire, United Kingdom.	Continuously variable ratio transmission for an engined vehicle.
169786	15-7-1987	Lincoln GmbH, of Heinrich-Hertz-strasse. 6909. Walldorf, Germany.	A time control device for central lubrication system of a powerless vehicle.



1	2	3	4
170371	30-11-1987	Mag. Dev. Inc. of 17. Downing Three. Building: 2C. Pittsfield. MA-01201. USAM	A magnetoelastic torque transducer.
171113	12-4-1988	Mitsubishi Denki Kabushiki Kaisha of 2-3. Marunouchi. 2-chome. Chiyoda-ku. Tokyo. Japan.	Operating mechanism for a circuit breaker.
169393	8-4-1987	Mitutoyo Mfg. Co., Ltd. of 5-31-19. Shiba. Minoto-ku. Tokyo. Japan.	A device for measuring relative displacement between a pair scales by detecting signals of capacitance type transducers.
169902	8-4-1987	Do.	Capacitance type transducer for measuring positions.
169728	30-4-1987	M.K. Electric Ltd. of Shrubbery Road. Edmonton. London N9. OPB. England.	An electric terminal for electrical switch.
164525	18-11-1985	Mobil Solar Energy Corporation. USA.	A method of manufacturing a series array of cells.
170399	21-12-1988	Mrs. Hema Mohanlal. of C/o. Mr. D. Mohanlal. Hemagiri. Dilawakunny. Kumarampuram. Trivandrum 695011. Kerala. India.	A three-dimensional reconstructor for investigation of Brain tumor.
157249	16-9-1981	National Research Development. of P.O Box. 236. Kingsgate House. 66. 74-Victoria. Street. London. SW1E. 6SL. England.	Apparatus for controlling induction motors.
162133	01-9-1984	Rosemount Inc. of 12001. West 78th Street. Eden Prairie, Minnesota. 55344. USA.	A transducer for converting electric signal and pneumatic signal.
169603	15-4-1987	Do.	A measurement circuit for providing an output as a function of an input.
170265	22-9-1987	Do.	A two-wire transmitter.
159022	18-3-1983	Sohio Commercial Development Company. at Midland Building. Cleveland. Ohio-44115. USA.	A method of fabricating a thin film heterojunction photovoltaic cell.
164151	26-6-1984	Do.	Method of forming ohmic contacts.
163621	36-1982	Sony Corporation, Japan.	Magnetic disk assembly.
163622	14-6-1982	Sony Corporation, of 7-25, Kitaashinagawa, 6-chome, Shinagawa-ku. Tokyo. 141. Japan.	Magnetic disk cartridge.
170067	31-8-1987	Thinking machines Corporation, of 245, First Street, Cambridge, Massachusetts, USA.	A parallel computer.
169875	11-8-1987	Transcom Australia Ltd. of Unit-2, 30, Walter Drive, Osborne, Park, Western, Australia, 6017, Australia.	A modern for a data communication apparatus & a data communication apparatus incorporating said modern.
170272	20-10-1987	Union Carbide Corp. USA.	A method of manufacturing a magnetic recording device.
167623	23-12-1986	Unique Mobility Inc. of 3100. S. Joson St. Englewood, Colorado 80110, USA.	Light weight electromagnetic transducer having high power output coupling and a dynamoelectric machine comprising same.
166736	24-4-1986	Vacuum Interrupters Ltd. of 68. Ballards Lane. Finchley, London N3. 2BU, England.	A contact for an electric switch.

## COMMERCIAL WORKING OF PATENTED INVENTIONS. CHEMICAL ENG. INDUSTRY LIST NO. III

The following Patents in the field of Chemical Engineering Industry are not being commercially worked in India as admitted by Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970, in respect of Calander year 1993, generally on account of want of request for licences to work the Patented invention. Persons who are interested to work the said Patents commercially may contact the Patentees for the grant of a license for the purpose.

Patent No.	Date of Patent	Name & Address of Patentee	Title of Inventions
1	2	3	4
169178	27-1-1987	Akzo, N.V. of Velperweg-76, 6824, BM, Arnhem, The Nederland.	A process for the preparation of a (Co) polymerizable composition containing a diol bis (allyl carbonate) monomer and an aromatic diacyl peroxide.
171030	18-2-1986	Do.	A fluidizable cracking catalyst compositions.
169936	16-7-1987	Alcan International Ltd., 1188, Sher Brooke Street, West Montreal, Quebec, Canada.	A method of making alumina hydrate particles.
169663	18-5-1987	Aluminium Pechiney of 23, rue Balzac, 75008, Paris, France	A method of manufacturing baked anodes intended for the production of aluminium by electrolysis.
164980	25-7-1983	BASF, Lacket Farben, Aktiengesellschaft, of an Neumarket 30, 2000, Hamburg-70, West Germany.	Process for preparing the nitrogenous unsaturated homopolymerizable and/or copolymerizable linear polyester.
162451	01-1-1985	Bicc, International Inc. of Bethlehem, State of Pennsylvania, USA.	A process for the coating a ferrous article.
169273	1-1-1985	Do.	An aqueous zinc chloride based flux for treating ferrous articles.
164298	22-12-1986	Black-Durr Aktiengesellschaft, of 4030, Ratingen, Homberger strasse, 2, Germany.	Heat exchanger.
169196	1-1-1987	BPB Industries Public Ltd. Company, of Langley park House, Uxbridge Road, Slough, SL3, 6DU, England.	A method and apparatus for calcining sulphate dihydrate or gypsum.
166245	06-3-1986	BP Chemicals Ltd., England.	Composition based on liquid polybutene and hydrocarbon waxes and intended mainly for the production of water proof and gas-light cabler and process for the preparation thereof.
170125	30-7-1987	Calgene Inc. of 1926, Fifth Street, Suite, F, Davis, California, 95616, USA.	A process for producing a recombinant construct for providing a specific expression in a seed.
160418	31-8-1991	Ciba-Geigy AG, Klybeckstrasse, 141, 4002, Basle, Switzerland.	Process for making micro organism resistant organic or inorganic substrates.
170371	30-10-1987	Do.	A process for preparing anionic cyclodiolide compound.
171028	14-6-1990	Do.	A package capable of containing a substance to be added to a liquid medium.
167531	24-10-1983	Cogent Ltd., of Temple court, 11 Queen, Victoria, Street, London, EC4N, 4TP, England.	Process and apparatus for producing hypobromous acid.
155536	24-3-1981	CPC International Inc. of International Plaza, Englewood Cliffs, New Jersey-07632, USA.	Process for obtaining corn oil from corn-germs.

1	2	3	4
153301	31-1-1981	CSIR, Rafi Marg, New Delhi-110001, India.	An improved rotary kiln for carrying out chemical reactions between solids and fluids and fluids & fluids.
153384	2-2-1981	Do.	A process for the preparation of commercial grade vanadium pentoxide and by-product sodium sulphate from vanadium sludge of alumina industry.
155359	11-2-1981	Do.	A process for activating particulate carbon in a rotary kiln by treatment with fluids.
157261	19-11-1981	Do.	Improved process for casting of aluminium or aluminium alloys to obtain fine grain refining thereof.
157696	26-2-1982	Do.	An improved liquid fuel, fired burner.
158837	25-3-1982	Do.	An improved liquid fuel burner used in oil fired furnaces.
159881	10-6-1983	Do.	An improved burner for use with fluid fuels.
160098	21-01-1984	Do.	A device for burning solid fuels for domestic cooking and like purposes.
160197	23-10-1982	Do.	A catalytic process for the isomerisation of alkyl aromatic compounds.
161271	16-04-1985	Do.	A process for the preparation of rigid polyvinylchloride and polyacrylates alloys.
162243	09-12-1985	Do.	Gas sparger for exothermic gas solid reactions.
162452	08-10-1985	Do.	An improved process for extraction of copper, nickel and cobalt from deep sea manganese.
162492	30-04-1985	Do.	An improved furnace for use with particulate fuels.
164415	31-07-1985	Do.	A process for preparing transparent sheets document copying purposes and transparent sheets so prepared.
164775	31-12-1985	Do.	A process for preparing polymer bounded clay useful for surface treatment water proofing & moth proofing of articles.
165726	12-2-1987	Do.	A process for the production of ammonia by photo catalytic reduction of molecular nitrogen.
165763	31-7-1985	Do.	An improved electrolytic respirometer for the evaluation of soil nitrification, rates and oxygen and/or hydrogen uptake rates.
166284	31-3-1986	Do.	A process for the preparation of collagen derivatives from rejected poor quality hides and skin useful for incorporation in cosmetic formulations.
166656	13-8-1986	Do.	A process for the preparations of anhydrous iron IIC sulphate.
166734	25-3-1986	Do.	Improved process for the production of trichlorosilane (TCS) from silicon tetrachloride.

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166826	17-6-1986	CSIR, Rafi Marg, New Delhi-110001 India.	A process for the preparation of water dispersible maleiniseal fatty derivatives for incorporation in tanned leathers for importing water replency.
166853	5-6-1987	Do.	A process for the electrosynthesis of conducting polythienylenes.
167019	30-8-1991	Do.	An improved process for the manufacture of high sensitively thermistor.
167037	13-8-1986	Do.	A process for the preparation of pure high bulk density iron (III) oxide.
167205	12-6-1986	Do.	A process for desulpharization of high sulfur coal.
167305	21-4-1986	Do.	An improved process for the production of alumina from low grade and submarginal bauxite.
167309	12-6-1986	Do.	A process for desulpharization of high sulfur coal.
167482	25-4-1986	Do.	A process for the recovery of nickel and cobalt from copper converter slag or their oxide ores.
167484	1-7-1986	Do.	An improved process for cold pelletization of chrome ore fines and concentrates.
167581	4-6-1986	Do.	A method for preparation of high-pur synthetic iron (III) oxide of ferrite grade.
167668	22-2-1988	Do.	An improved process for electroless nickel coating cutting tools dies and moulds.
167684	19-4-1987	Do.	An improved process for the selective hydroformylation of aliphatic olefins to corresponding linear aldehydes.
167734	24-3-1986	Do.	An improved process for the production of high alumina cement clinkers and the like containing, alumina ranging from 45 to 80 percent.
167737	18-9-1987	Do.	A process for reducing the content of lactose in products containing lactose like milk.
167738	18-9-1987	Do.	A process for the preparation of an enzyme B galactosidase useful for reducing the content of lactose in lactose containing products like milk, whey and other dairy products.
167936	5-12-1986	Do.	Lubricating oil composition for two stroke petrol engines.
168070	10-12-1986	Do.	An improved process for the preparation of arylacetic acids.
168135	26-9-1986	Do.	An improved process for the production of alkali soluble humic acid and ammonium salt thereof from low rank coal weathered coolor lignite through solid gas reactor.
168140	24-12-1986	Do.	A process for the extraction of metal values from deep sea polymetallic nodules by direct reduction ammonia leaching.

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168301	2-9-1986	Council of Scientific Industrial Research, New Delhi, India	A process for the manufacture of aluminium graphite particulate composite using uncoated graphite particles, for automobile and engineering applications.
168346	7-9-1987	Do.	Improved process for the manufacture of erythrosine/eosin from fluorescein.
168349	27-12-1988	Do.	A process for the preparation of 2, 4, 4, 4-, Tetrachlorobutyronitrile.
168377	3-6-1986	Do.	An improved process for the manufacture of sintered synthetic high alumina aggregate.
168380	22-12-1987	Do.	A process for the preparation of bio insecticide.
168399	10-2-1989	Do.	A process for the preparation of a high silica zeolite of pentasil family from paddy huskash.
168413	1-6-1988	Do.	Improved method for the preparation of alkyl resin based water thinable air drying paint.
168420	31-12-1987	Do.	A process for the synthesis of DL-2-substituted -1 2, 3, 4-Tetrahydro 9H, pyrido (3, 4-6) indole-3- carboxylic acid's.
168451	2-6-1987	Do.	A process for the preparation of polyphenylene oxide as an adherent film on metallic substances.
168536	21-8-1987	Do.	An improved solvent extraction process for the separation of benzene and C <sub>5</sub> -C <sub>6</sub> monaromatic from feed stock of naphtha range petroleum fraction.
168537	28-2-1987	Do.	A process for the preparation of sustained release injectable rifampicin.
168539	19-4-1988	Do.	An improved process for the preparation of 4-acetoxy-2-methyl-2-Butanol.
168702	14-9-1987	Do.	An improved process for the production of alpha and gamma picoline through catalytic vapour phase cyclohydrogenation reaction of acetaldehyde and ammonia.
168794	24-12-1986	Do.	An improved process for the phosphosulphated jojoba oil useful as multifunctional additives, for lubricating oil.
168798	22-12-1987	Do.	A process for the preparation of new growth promoting agent to enhance root growth and plant proliferation.
169125	5-11-1986	Do.	A process for the preparation of hard butter having reduced 9, 10- dehydroxystearic acid, (DHS), and diglycerides (DGS) Content from sal fat useful as cocoa butter extender.
169129	6-3-1986	Do.	A process for the preparation of catalysed oxygen scavengers, suitable for removal of dissolved oxygen in Water.
169137	6-3-1986	Do.	A process for the preparation of catalysed oxygen scavengers suitable for removal of dissolved oxygen in water.

1	2	3	4
169140	11-8-1987	Council of Scientific Industrial Research, New Delhi, India.	A process for the production of compacted graphite iron.
169172	28-4-1988	Do.	A process for the manufacture of bronze coloured sheet glass.
169189	14-3-1989	Do.	A process for the preparation of high flux membrane from the blend of formulation of cellalose acetate and collmlose triacetate useful for the desalination of brackish water by reverse osmosis process.
169191	18-3-1987	Do.	A process for the preparation of clay loaded metal condexes catalyst useful for the hydrogenation oils and other unsufurated compounds.
169234	11-4-1986	Do.	Improvement in or relating to the process for preparation of 3-acyloxy isoxazole derivatives
169267	05-11-1986	Do.	A process for the preparation of hard butter having produced 9, 10 dihydroxy stearic acid, content from sal-fat useful as cocoa butter extender.
169279	29-11-1985	Do.	A process for the preparation of dioxygen complex of rhuthosium useful for photocatalytic decomposition of water into hydrogen and oxygen.
169371	6-3-1986	Do.	A process for the preparation of catalysed oxygen scavengers suitable for prevention of metallic corrosion in systems using different grades of waters.
169373	23-10-1986	Do.	A process for the production of chromite coke composite briquettes.
169375	5-12-1986	Do.	An improved process for briquetting chrome ore fines and concentrates.
169502	31-12-1986	Do.	A process for the photocatalytic decomposition of water into hydrogen and oxygen.
169516	10-2-1989	Do.	An improved process for the praperation of chloramphenicol-2, 2-dichloro-N-C2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenylethyl) acetamide.
169746	13-7-1988	Do.	A facile enzymatic resolution process for the preparation of R-(-)-1, 1, 1, inchloro-2-hydroxy-4-methyl-3-pentene.
169747	28-4-1988	Do.	A process for the preparation of indicator paper for on the spot testing of iodine in the range, of 15-42 ppm in iodated salt.
170346	3-10-1988	Do.	An improved water treatment plant.
170384	13-4-1987	Do.	A process for the desilication of black/green liquor for recovery of paper grade lime in paper mills.
170388	24-3-1987	Do.	A process for the manufacture heat insulating refractory products by foaming technique.
170438	14-3-1989	Do.	An improved process for the synthesis of urea.
170445	28-4-1988	Do.	A process for the production of copper real glass.

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170448	4-5-1988	Council of Scientific Industrial Research. New Delhi, India.	Synthesis of $\alpha$ -(RS)-cyano-3-phenoxybenzyl(+) -2, 2-Dimethyl-3-(2,2-Dichlorovinyl) cyclopropane carboxylate, a highly potent insecticide belonging to the synthetic pyrethroids group.
170449	13-10-1987	Do.	A process for the preparation of polymer aqueous resin emulsion for use as pressure sensitive adhesive on paper metal foils lopes and surgical plasts.
170466	22-8-1988	Do.	A bipolar cell for the production of chlorates and Hypochlorites.
170509	28-12-1987	Do.	A process for the preparation of 1 formyl 2, 3, 5, 6, substituted pipe razines useful as male fertility regulating agent.
170510	31-12-1987	Do.	An improved process for the synthesis of 3, 6, Di-o-methyl-D-glucose.
170589	31-1-1990	Do.	An improved process for the synthesis of OI (3, 6-DI-o, methyl, B-D-glucose-pyranogyl)-C1-74)-o (2, 3-DI-O methyl- L, rhamnopyranosyl-1(1-79).
170630	4-11-1988	Do.	An improved process for the isolation and purification of gangliosides.
170658	15-2-1989	Do.	Synthesis of 8-(methoxy, carbonyl) octyl, 4-O, benzyl-L-rham-4-O-puranaside, a novel intermediate for synthesis of a laproxy antigen.
170660	26-2-1988	Do.	An improved method to manufacture manganese monoxide from manganese ores.
170767	17-2-1989	Do.	An electro chemical monitor for the quantitative estimation of mercury and other metal cation such as cad, Ag, Pott in solution.
170770	13-12-1989	Do.	A process for the synthesis of 6-(Arylvinyl)1, 2, 4-trioxanes.
170828	3-9-87	Do.	A low moisture refractory composition containing 45—50% alumina suitable for preparing refractory castables.
170829	7-9-87	Do.	An improved process for the preparing of a high silica zeolite catalyst composite material.
170833	26-9-86	Do.	An improved method to manufacture manganese mono-oxide.
170836	15-10-87	Do.	A process for the preparation of oxalic acid from wood dust.
170847	17-11-87	Do.	An improved process for the conversion of natural gas into middle distillates.
170901	23-4-88	Do.	A consistency/viscosity monitor useful for measuring the consistency viscosity of a liquid.
170903	22-12-87	Do.	A process for the production of kerosene and diesel from FCC naphtha.
170904	28-6-88	Do.	Process for the preparation of ethylethanol dihydroartemisinin.

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170006	25-12-89	Council of Scientific Industrial Research, New Delhi, India	A process for the preparation of -3-aryl-1-hydroxybut-3,-Cn-2-hydroper oxides.
170907	28-3-87	Do.	An improved process for the preparation of alkylcarbamates.
170908	28-3-89	Do.	An improved process for the preparation of aryl-N-alkylcarbamates.
170962	15-6-87	Do.	A process for the continuous solvent extraction and electro winning of copper and zinc from ammoniacal leach liquor obtained from pressure leaching of multi metal sulphide ores/concentrates.
171018	17-5-88	Do.	A process for the preparation of a solid formulation for field testing of iodine in the range of 1—15 ppm present in 50-g. iodated salt.
171407	24-9-87	Do.	An improved process for the preparation of carboxylic acids
170354	6-11-87	CT Harwood Ltd., of Walnut Tree House, Wood Bridge Park, Guildford, Surrey, England.	Liquid separators.
156850	6-8-81	Davy Mckle (Stockton) Ltd., of Stockton-on-Tees, England TS 18, 3AF.	A process for the direct reduction of materials containing iron oxides.
168144	3-1-89	Detia Freqberg GmbH, of 6947, Laudenbuch, Bergstrasse, F. R. Germany.	A method for producing a controlled gas release encapsulated pest control agent.
155466	19-12-79	Exxon Research. & Engineering Company, Delaware, USA. at 200, park, Avenue, Florham Park, New Jersey, USA.	A process for preparing supported nickel-cobalt silica incorporated catalyst,
167753	25-7-1986	Do.	Absorbant composition.
167758	17-12-1986	Do.	A method for extracting aromatic hydrocarbons from hydrocarbon oils.
168036	8-9-1986	Formica Corporation, of 155, Rt. 46, West, CH-980, Wayne, New Jersey-07470.	A process for producing a castable thermosetting resin.
168343	16-4-87	Frank Westey Moffett, JR of 944, Allen creek Road, Rochester, New York-14618, USA	A plant growth composition and a method of manufacturing said composition.
165858	31-3-1986	General Foods Corporation, of 250, North Street, White plains, New York-10625 USA.	Process for preparing a liquid coffee aroma.
165899	25-2-1986	Do.	Process for producing an agglomerated instant coffee having a roasted and ground appearance.
170624	8-4-1987	Do.	Method for the treatment of green coffee beans undesirable flavour and aroma provide beans of upgraded flavours.
166773	16-6-1986	General Signal Corporation, of High Ridge Park, P. O. Box 10010, Standford, Connecticut, 06904, USA.	Apparatus for mixing liquid or liquid suspension medium contained in a Nessel.
168703	25-8-1986	Glaverbel, of Chaussee dela Hulpe, 166, B-B-1170, Bruxelles, Belgium.	A process and apparatus for depositing or forming refractory masses on the surface of a substrate.
170071	28-11-85	Do.	Process for forming a refractory mass on a surface.
170209	28-11-85	Do.	A refractory composition for use in spraying against a surface to form a refractory mass.



	2	3	4
7	24-7-82	Hindustan Lever Ltd., Bombay-40002, India.	A synergistic detergent Compositions.
9	26-7-82	Do.	A process for preparing detergent active sulpho suainate compounds.
3	19-7-84	Do.	An improved method of manufacturing detergent bar having uniform properties.
4	28-4-89	Do.	Detergent compositions and process for the preparing them.
25	16-5-1989	Do.	A process for the hydrogenation of higher nitriles to amines.
26	12-6-89	Do.	Method of making liquid detergent composition.
917	20-3-90	Do.	Cosmetic composition.
36	30-3-1989	Do.	Transparent soap composition in bar form and method of making same.
70243	19-2-90	Do.	Shampoo composition.
46	3-6-88	Do.	A process for hydrogenation of unsaturated hydrocarbons.
17047	11-5-90	Do.	Laundry soap bars.
170471	28-4-89	Do.	Detergent composition and process for preparing the same.
170472	28-4-89	Do.	Process for preparing detergent compositions and Compositions thereby produced.
170478	27-7-87	Do.	An aqueous single phase composition particularly for use in the treatment keratinous fibres.
170487	7-6-89	Do.	Thickened liquid compositions.
170488	25-7-89	Do.	Laundry bars and process for preparing same.
170489	28-8-89	Do.	Built detergent bars.
170494	15-6-89	Do.	Method for preparing an aqueous shampoo composition.
170495	26-9-89	Do.	Process for preparing improved hydrolysed protein.
170476	26-9-89	Do.	Process for preparing improved hydrolysed protein.
170497	2-11-89	Do.	Process for preparing a high bulk density granular detergent composition.
170498	9-11-89	Do.	Method of making oral compositions.
170300	14-8-90	Do.	Detergent compositions.
170592	5-7-89	Do.	Translucent detergent bars.
170593	9-3-1990	Do.	Stable detergent compositions in liquid or gel form.
170596	23-3-90	Do.	Process for making a diester.
170611	3-7-89	Do.	Detergent composition for washing and softening fabrics.
170612	9-8-89	Do.	Process for purifying crude glycerol.

1	2	3	4
170618	16-5-90	Hindustan Lever Ltd. Bombay, India.	An aqueous cosmetic emulsion.
170619	14-6-90	Do.	Hair setting composition.
170620	18-7-90	Do.	Particulate bleach promoting det. composition additive.
170703	26-9-89	Do.	Process for preparing improved hyd. protein.
170709	2-3-90	Do.	Translucent detergent bar.
170710	21-3-90	Do.	Process of producing a built non-detergent bars.
170996	21-12-89	Do.	Cosmetic compositions.
170997	20-5-91	Do.	Detergent compositions.
171071	16-8-1990	Do.	Composition suitable for topical applicati to mammalian skin and hair.
171074	29-11-1990	Do.	Method for preparing an oral compositi.
171127	27-12-1989	Do.	Bleaching composition.
171130	16-8-1990	Do.	Compositions suitable for topical application to mammalian skin & hair.
171181	31-7-1990	Do.	Soap composition in solid or past forms and method of making same.
171295	24-4-1990	Do.	Aqueous shampoo and conditioning com-position for negroid hair.
171299	8-1-1991	Do.	Shampoo composition.
171323	4-6-1990	Do.	Detergent composition for washing and softening fabrics.
171326	7-8-1990	Do.	Method of making detergent laundry bars.
171327	8-11-1990	Do.	Stable bleaching composition.
171329	23-11-1990	Do.	Removal of metal soaps from hydrogenated fatty products.
171532	26-11-1990	Do.	Sunscreen composition suitable for topical applications to human skin or hair.
171534	21-3-1990	Do.	Detergent compositions.
171540	2-7-1991	Do.	Tea process.
171563	8-5-1990	Do.	Bleaching compositions.
171565	13-9-1990	Do.	Sunscreen hair conditioning composition
171579	23-11-1990	Hindustan Lever Ltd. of Hindustan Lever House, 165/166, Backbay Reclamation. Bombay-400020. Maharashtra. India.	Shear thinning liquid abrasive cleaner composition.
171765	3-12-1990	Do.	Detergent composition.
171767	14-3-1991	Do.	Detergent bleaching composition.

1	2	3	4
158724	13-3-1984	Hoechst Aktiengesellschaft, of D-6230, Frankfurt, am Main 80, Federal Republic of Germany.	Apparatus for making red phosphorus.
163784	15-1-1985	Do.	An electrolytic cell for carrying out a liquid electrolysis process.
163785	15-1-1985	Do.	An electrolytic cell for carrying out a liquid electrolysis process.
163786	15-1-1985	Do.	An electrolytic cell for carrying out a liquid electrolysis process.
167179	30-6-1986	Do.	Process for producing purified hydrogen chloride gas during chloroacetic acid manufacture.
167398	6-9-1988	Do.	A process for the preparation of 4-holo-3-oxo-g-Akloxy-Iminoburyrk esters.
167548	6-7-1988	Do.	A process for the preparation of monosuccinimides.
167748	8-9-1986	Do.	A composition for desulfurizing metal melts and process for making the same.
169200	21-1-1987	Do.	Sterilizable fluidized bed fermenter.
169307	26-3-1987	Do.	An improved process for making azo pigments.
169308	26-3-1987	Do.	An improved process for making azo pigments.
169604	5-5-1987	Do.	A process for preparing a catalyst used in the preparation of a polyolefin.
170261	6-9-1989	Do.	An improved process for preparing cetodizime sodium.
170286	11-12-1989	Do.	Process for the preparation of 2-mercapto-4-methyl-1, 3-thiazol-5-Yl-acetic acid and ester thereof.
171029	28-8-1990	Do.	A process of producing fluorescence tree xanthines.
171052	7-1-1986	Honda Giken Kogyo Kabushiki Kaisha, of No. 27-8,6-chome, Jingusae, Shibuya-ku, Tokyo, Japan. and Furukawa Denchi Kabushiki Kaisha.	Storage battery.
171053	23-3-1985	Institut Francais Du-petrole, of 4, Avenue De Boispreau. 92502, Rueil, Malmaison, France.	A method of manufacturing a zeolite.
171054	24-1-1986	Do.	Improvements in a process for producing 1-butene from the product of ethylene dimerization.
171055	27-03-1987	Institut Francais. Dy Petrole. France.	A process for catalytic reforming of hydrocarbons.
171056	10-12-1986	Kansai Paint Co. Ltd. of 33-1, Kanzakicho, Amagasaki-shi, Hyogo-ken, Japan.	Electrodeposition coating method.

153047	13-08-1979	Kenrich petrochemicals, Inc. at the Foot of East 22 nd street. Bayonne. New Jersey-07 002. USA.	A Process for making camylphenolderivatives.
163641	19-08-1980	Do.	A process for preparing a phosphato litanate adduets.
163644	19-08-1980	Do.	A process for preparing a phosphato-litanate adduct.
163645	19-08-1980	Do.	A proess for preparing a phosphato fitanate adduct.
164482	19-08-1980	Do.	A method of preparing a filled polymeric composition.
166752	03-09-1985	Do.	Process for preparing organo-metallic puro-phosphates.
168165	19-02-1987	Do	A process re-polymerizing a polymeric material.
169544	04-05-1987	Do.	Process for imparting antistatic properties to polymeric materials.
170585	09-05-1985	Do.	A process for preparing a composition which can be incorporated into a thermoplastic or thermoset polymer.
170551	09-05-1985	Do.	A polymeric composition and a process for preparing the same.
158416	12-10-1983	Kontiki Chemicals and Pharmaceuticals Pvt. Ltd. of A.K. Office. Buldg. Mill Road, Batiapatam. Cannanore 600010. Kerala. India.	Process for the preparation of a colouring matter from coconut shell.
164382	12-06-95	Do.	A process for the preparation of substance based. on coconut shall derivatives capable of controlled release of sandal wood perfume.
165598	22 11-1985	Do.	A process for the prepatation of reactive component from coconut shell derivative.
166760	11-06-1986	Lucien Chastam -Bagnis. of 21 . Avenue. Isola. Bella-06400. Cannes. France.	Decontamination appraturs for cleaning of water.
167290	27-07-1988	Meiji Seika Kaisha Ltd. of. 4-16. Kyobashi. 2 chome. chuo-Ku. Tokyo. Japan.	Process for preparing N-Alkylbenzenesulfonyl-carbamoyl-5. chlorisothiazole derivatives
153095	17-03-1982	Mineral Deposits Ltd. Australia	A spiral separator.
159817	10-04-1984	Do.	Spiral separator for separating a slurry containing a first species from a second species having a specific gravity less than the first species.
166898	15-04-1988	Mitsubishi Kasei Corporation, of 5-2 Marunouchi, chome. chiyoaku, Tokyo. Japan.	A process for producing a pyroazole derivative.
163827	21-07-1982	Mobil Solar Energy Corporation. of-16. Hickory. Drive. Waltham. Massachusetts. USA.	Apparatus for growing thin walled tubular Crystalline bodies made of silicon alaphumina or like from the melt.
170065	27-08-1987	Monsanto Company. at 800 North Lindbergh, Boulevard. St. Louis. Missouri-63167. USA.	Free flowing granular partially haydrated phosphate composition.
170295	28-11-1989	Do.	A process for preparing substituted thiazoles.

1	2	3	4
170400	05-11-1995	Monsanto Company, at 800 North Lindbergh, Blevard, St. Louis, Missouri-63167, USA.	An improved process for the manufacture of sulfuric acid.
170212	28-7-1989	Newly Wees Foods. Inc, Illinois. of 9140, West Fullerton, Chicago, Illinois. USA.	An apparatus and process for sterilizing spices and leafy herbs.
167283	31-3-1986	01-NEG, TV, products. Inc. of one sea Gate, Toledo, Ohio, 43666, USA.	Sealing glass composition for sealing TV picture tubes.
167875	4-8-1986	01-NEG. Do.	A method of making an improved solder glass composition.
170670	31-3-1986	Do.	A method of sealing a crystallizable glass sealing corporation in a television picture tube component.
166337	28-11-1985	Owens Illinois plastic products Inc, of one Seagate, Toledo, Ohio, 43666. USA.	A method of making a barrier plastic labelled plastic labelled polyser or copoly-ester contained and the container thereof.
168670	25-6-1985	Owens I. Inc, of one, Seagate, Toledo, Ohio, USA.	A polymeric composition suitable for making articles such as containers, container performs or sheets.
167628	11-2-1987	Pfizer Inc, of 235, East, 42nd Street, New York, State of New York, USA.	A process for the preparation of phosphodiesterase inhibitor antidepressant.
167629	11-2-1987	Do.	A process for the preparation of 5-(3-poly-cyclooct-koxy-4-Alkoxy phenyl) hexahydr-2-pyrimidones.
167630	11-2-1987	Do.	A process for the preparation of phosphodiesterase inhibitor, antidepressants.
167980	10-1-1987	Do.	Process for production of Avermecting.
168414	2-4-1987	Do.	A process for preparing the besylate salt of amlodipine or its pharmaceutical product.
168460	27-7-1987	Do.	A process for producing an antibiotic or a pharmaceutically acceptable cationic salt thereof.
168876	6-8-1987	Do.	A process for preparing pyrido-pyrimidine diones and pharmaceutically acceptable acid addition self thereof.
168879	11-5-1988	Do.	A method of preparing crystallizing azithromycin dihydrate.
166428	10-7-1986	Phillips petroleum company, of Bartlesville, State of Oklahoma, USA.	Process for preparing hepatitis B surface antigen.
157644	4-2-1982	Portals Ltd., of overton, Basingstoke, Hampshire, RG, 25, 3JG, England.	Method of making fibrous sheet materials & fibrous sheet materials produced thereby.
165267	23-7-1985	Rosemount Inc. of 12001, West 78th Street, Eden Prairie, Minnesota-55344, USA.	A batch fabricated thin film platinum resistance thermometer.
168103	29-7-1986	Saft, of 156, Avenue, de, Matz-93230, Romain ville, France.	A method of manufacturing a polymer consolidated cadmium electrode for an alkaline storage cell.
165813	17-10-1985	Santrade Ltd., of P.O. Box, 321, CH-6002, Lyzenu, Switzerland.	Cermented carbide body used preferably for rock drilling and mineral cutting.
166203	22-7-1987	Santrade Ltd., of Alpenquai, 12, 6002, Luzern, Switzerland.	A granulating device with a perforated hollow cylinder.

1	2	3	4
168465	9-9-1986	Santrade Ltd.	Method of making a powder particle for preparation of a fine orined hard material alloy.
169351	23-4-1987	Do	A method of manufacturing a comented tungsten carbide body for rock drilling or mineral cutting.
166213	13-9-1985	Schubert & Salzer Maschinenfabrik Aktiengesellschaft. of Friedrch-Ebert-Strasse 84, 8070, Ingolstadt. Germany.	A method and apparatus obtaining dust free, fibre.
166947	30-3-1988	Sepracor, Inc. State of Delaware. of 33, Locke Drive, Marlborough, MA-01752. USA.	A process for producing isomers.
170190	28-8-1989	Do.	A process for preparing a precursor compound of the thiol-protected, derivatives of capto pril...
155447	3-3-1981	Shell International Research Maatschappij, B.V. Netherlands.	Process for the production of an elastomeric copolymer of an aromatic vinyl compound & a conjugated diene suitable for use in the tread portion of a pneumatic tyre.
160959	26-2-1985	Do.	A process for preparing a carboxyl terminated polyester.
164284	14-3-1985	Do.	Appratus for the gasification of the pulverized solid fuel.
167440	30-6-1986	Do.	Multitide reactor for carrying out a process for catalytic conversion of a gas or a liquid.
167615	26-2-1987	Do.	A process for the preparation of carbonylated ole finically unsaturated compound.
167707	6-11-1986	Do.	A method for the preparation of a catalyst suitable for the preparation of hydrocarbons.
167902	29-7-1986	Do.	A process for the preparation of synthesis gas from a gaseous or liquid hydrocarbon containing feed.
167994	25-6-1986	Do.	Process for the anionic polymerization of monomers.
168471	29-7-1986	Do.	Process for producing H <sub>2</sub> S free gas from H <sub>2</sub> S containing sour industrial gas stream.
168472	5-8-1986	Shell Internationale, Holland	Process for producing an H <sub>2</sub> S free gaseous stream from a H <sub>2</sub> S containing sour gaseous stream.
168743	7-10-1986	Do.	A process for producing a hydrogencontaining gas.
168749	19-1-1987	Do.	An appratus for contacting gas & liquid.
168775	25-11-1986	Do.	Process for ctalytic dewaxing of refinery derived lubricating base oil precursor.
168811	7-5-1987	Santrade Ltd., of P.O. Box 321, CH-6002, Luzern, Switzerland.	Process and app ratus for the purification contaminated sulphur.
168884	3-1-1996	Shell Internationale, Holland.	Apparatus for solids fluid separation.
169202	30-1-1992	Shell Internationale, Research Maatschappij, B.V. of Card Van, Bylandtlaan 30, 2596, HR. The Hague, The Netherland.	Apparatus for contacting gas liquid and solid Particles.
169344	25-3-1997	Shell Internationale, Holland.	An app ratus for contacting particulate solids with a fluid.

1	2	3	4
169503	7-1-1986	Shell Internationale, Holland.	Method of manufacturing an amorphous thermally stable polyolefin modified polyethylene for phalate sheet.
169590	30-11-1987	Do.	A process for the preparation of an elastomeric composition.
169707	1-7-1987	Do.	Process for producing a gas mixture free of H <sub>2</sub> S & CO <sub>2</sub> , from a sour gas mixture containing H <sub>2</sub> S & CO <sub>2</sub> .
169726	9-6-1987	Do.	An apparatus for continuous catalytic cracking of hydrocarbon feed.
169781	3-8-1987	Do.	An improved process for gasifying heavy hydrocarbon-containing fuel.
169790	30-6-87	Do.	A catalyst composition capable of being used for the preparation of hydrocarbons from synthesis gas.
170003	3-6-1986	Do.	Process for the preparation of a silver catalyst.
170009	27-4-87	Do.	Process for the preparation of a silver-containing catalyst suitable for the oxidation of ethylene to ethylene oxide.
170269	25-11-87	Do.	Process for the manufacture of kerosene and/or gas oils.
170406	25-11-87	Do.	Process for the manufacture of lubricating base oils.
170453	16-2-87	Do.	Process for regeneration spent resin.
170514	17-12-1987	Do.	An apparatus for concurrently containing a sour gaseous stream with an aqueous reactant solution.
170473	4-3-1987	Do.	Process for the preparation of carbonyl compounds.
171332	27-4-1988	Do.	Process and apparatus for the catalytic preparation of hydrocarbons.
171621	20-5-1986	Do.	Process for purifying a liquid phase comprising oil and a halohydrocarbon by removing contaminants there from.
171627	4-5-1987	Do.	Novel catalyst composition.
166517	25-6-1986	Societe Chimique Des, Charbonnages, S.A., of Tour Aurore, Place des Reflets, F-92080, Paris, La Defense, Cedex, France.	A process for producing concentrated solution of ammonium nitrate.
167812	10-7-1986	Societe Francaise D'organo, Synnec (S.F.O.S.) of 15, boulevard de L'Amiral Bruix-75116, Paris, France.	A process for the production of methacrylic esters.
163181	13-2-1985	Societe Nationale Ele Aquitaine, of Tour Aquitaine, 92080, Paris la Defense, France.	A process and an installation for the distillation of petroleum of fossil or synthetic origin.
166332	10-9-1985	Stamicarbon B.V, of P.O. Box, 10, 6160, MC, Geleen, Netherlands.	Process for the continuous preparation of homogeneous solutions of high molecular, polymers.
170336	21-10-1987	Do.	A process for preparing concentrated urea solution and an apparatus for carrying out the process.

1	2	3	4
167854	29-7-1986	The Board of the Rubber Research Institute of Malaysia, of 260, Jalan Ampang, Kuala Lumpur-16-03. Malaysia.	Process for the production of epoxidised natural rubber from fresh natural rubber field latex.
160827	06-01 1984	The Goodyear Tire & Rubber Company, of Ohio, USA, of 1144. East Market Street. Akron Ohio-44316-0001, USA.	A process for the modification of a halo-methylated Latex.
170348	5-7-1988	The Indian Space Research Organisation, Department of Space, F-Block, Cauvery Bhavan, District office, Road, Bangalore-560009. Karnataka.	A process for gold plating an magnesium lithium alloys.
170666	5-7-1988	The Indian Space Research-organisation, Karnataka, Bangalore, India.	A process for chromate coating on magnesium lithium alloys.
171053	2-5-1988	Do.	A process for producing a rear surface black chrome coated dielectric substrate having improved optical and durability properties.
171172	2-5-1988	Do.	A process for producing a coated substrate made of materials such as metals dielectric or semiconductor coated with diamond like carbon (DLC) having improved optical and durability properties.
171728	11-10-1988	Do.	A process for gold plating on aluminium alloy.
167496	18-3-1987	The Malaysian Rubber Producers' research Association, of Tun, Abdul, Razak Laboratory, Brickendonbury, Hertford, SG-13, 8NL, England.	A method of preparing an elastoplastic composition.
169187	19-3-1987	The M.W. Kellogg, Company of three Greenway Plaza East, Houston, Texas-77046-0395, USA.	A process for the Stean cracking of hydrocarbons.
171635	31-8-1987	The M.W. Kellogg, Company, USA.	Process for separation of hydrocarbon mixtures.
171796	15-1-1988	Do.	Method for separating a hydrocarbon gas mixture and recovering a liquid stream of condensed hydrocarbon components therefrom.
167486	12-9-1986	Toyo Engineering corporation, of 2-5, Kasumigaseki-3-chome, Chiyoda-ku, Tokyo. Japan.	Process for treating urea granules with a urea melt as liquid coating material in a fluidizing bed to obtain coated urea granules.
162238	12-11-1984	UHDE, GmbH, of Friedrich-Uhde-Str. 15, 4600, Dortmund, Federal Republic of Germany.	Device for performing exothermal catalytic gas reactions for and the ammonia or methanol synthesis.
168391	30-7-1986	Do.	Apparatus for the production of synthesis gas.
166865	10-3-1986	Union Carbide Corporation, USA.	Process for simultaneously dimerizing ethylene copolymerising. ethylene with the dimerized product.
168017	04-9-1986	Do.	A process for producing aldehydes by hydroformylation.
168034	4-9-1986	Do.	A hydroformylation process for producing aldehydes.



1	2	3	4
169251	16-4-1985	Union Carbide Corporation, at old Ridge-bury Road, Danbury, State. of Connecticut-06817, USA.	A process for the refining of metal.
169702	10-7-1987	Do.	An improved non-aqueous hydro formylation process for producing aldehydes.
170158	10-3-1989	Do.	A continuous process for dimerizing ethylene to produce batene-1, inaffluidized bed.
170293	3-11-1987	Do.	An improved heterogenous vapour phase process for producing an alcohol.
170369	18-11-1987	Do.	An improved process for producing aldehydes by, non-aqueous. Hydroformylation.
171145	19-5-1988	Do.	A process for producing stereoregular polymers having a narrow molecular weight distributor.
161013	20-11-1984	Union Siderurgique De. Nord Et. De. L. Est Dela Frances, of 44. Avenue. Aristide Briand. 54230. Neuves Maisons. France.	Improved blast furnace.
166279	14-10-1985	Do.	Apparatus for controlling the operation of blast furnace.
167198	12-4-1988	Viral Technologies, Inc. of 777, 14 th Street. M.W. Washington. D.C. 20005. USA.	Method of producing a peptide.

### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911

The date shown in the each entries is date of the registration included in the entries.

- Class 3. No. 168314, Philips India Limited, of Shivsager Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay-400 018, Maharashtra, India, Indian Company, "TELEVISION", 27th October, 1994.
- Class 3. No. 168294, The Gillette Company, a company incorporated under the laws of Delaware, U.S.A., Prudential Tower Bldg., Boston, Massachusetts 02199, U.S.A., "PEN", 25th October, 1994.
- Class 3. No. 169135, Malhotra Shaving Products Limited, an Indian Company of Malhotra House, 6-3-1186, Begumpet, Hyderabad-500 016, A.P., India, "ULTRA SWIVEL CARTRIDGE", 8th May, 1995.
- Class 3. No. 170120, Ellora Time Pvt. Ltd., Orpat Industrial Estate, Rajkot Highway, P.B. No. 115, Morbi-363 641, Gujarat, India, Indian, "TELEPHONE", 3rd November, 1995.
- Class 3. No. 166902, Nelsam Industries, C 203, Akurli Ind. Estate, Akurli Road, Kandivall (E), Bombay-400 101, Maharashtra, India and Indian sole proprietary concern, "MIXER ATTACHMENT", 28th February, 1994.
- Class 3. No. 167999, A. V. Thomas Industrial Products Limited, 22, Marshalls Road, Madras-600 008, Tamil Nadu, India, an Indian Company, "CONTAINER", 25th August, 1994.
- Class 3. No. 169227, Motorola, INC., a corporation of the State of Delaware, U.S.A. of 1303 East Algonquin Road, Schaumburg, Illinois 60196, U.S.A., "HOLSTER FOR A PORTABLE COMMUNICATION DEVICE", 25th May, 1995.
- Class 3. No. 168754, Lingner & Fischer GmbH of Hermannstrasse 7, D 77815 Buhl/Baden, Germany, a German Company, "CONTAINER", 3rd February, 1995.
- Class 3. No. 168843, Motorola, INC., a corporation of the State of Delaware, U.S.A. of 1303 East Algonquin Road, Schaumburg, Illinois 60196, U.S.A., "SELECTIVE CALL RECEIVER", 23rd February, 1995.
- Class 3. No. 168616, M. M. Traders, a registered partnership firm, of 427, Katha Bazar, Bombay-9 Maharashtra, India, "FLOATS (FISHING APPARATUS)", 11th January, 1995.
- Class 3. 167873, Novex Industries, a registered partnership firm, having their office at F 34, D.C.I.D.C. Complex, Nangloi, New Delhi-110 041, Delhi, India, "VANITY CASE", 1st March, 1995.
- Class 3. No. 169139, Amogh Plastopack Pvt. L'd., Construction House, 796/189-B, Bhandarkar Institute Road, Deccan Gymkhana, Pune-411 004, Maharashtra, India, "PLASTIC BOTTLE", 8th May, 1995.
- Class 3. No. 167570, Castrol Limited, a limited liability organised under the laws of England and Wales, of Burmah Castrol House, Pipers Way, Swindon, Wiltshire, SN3 1RE, England, "CONTAINER", 15th December, 1993 (Reciprocity date).
- Class 3. No. 169142, Pepsi-Cola S.a., a Swiss Company of 30 Rue De Rhone, 12404, Geneva, Switzerland, "BOTTLE", 15th November, 1994 (Reciprocity Date).

- Class 3. No. 169080, Core Health Care Limited, an Indian Company, Core House, off C.G. Road, Near Parimal Garden, Ellisbridge, Ahmedabad-380 006, Gujarat, India, "CLOSURE CAP", 26th April, 1995.
- Class 3. No. 169344, The Goodyear Tire & Rubber Company, a corporation organised under the laws of the State of Ohio with offices at 1144 East Market Street, Akron, Ohio 44316-0001, U.S.A., "TYRE", 19th June, 1995.
- Class 3. Nos. 169232 & 169233, The Goodyear Tire & Rubber Company, a corporation organised under the laws of the State of Ohio, with offices at 1144 East Market Street, Akron, Ohio 44316-0001, U.S.A., "TYRE", 29th May, 1995.
- Class 3. No. 169120, The Goodyear Tire & Rubber Company, a corporation organised under the laws of the State of Ohio, with offices at 1144 East Market Street, Akron, Ohio 44316-0001, U.S.A., "TYRE", 3rd May, 1995.
- Class 3. 169656, Polar Industries Ltd., an Indian Company, having its head office at 113, Park Street, Calcutta-16, West Bengal, India, "POP UP TOASTER", 9th August, 1995.
- Class 3. Nos. 169063 & 169064, D'ty Lal Juge Mal Private Limited, 17, Raisthani Udyog Nagar, G.T. Karnal Road, Delhi-110 033 India, an Indian Company, "WATER BOTTLE", 25th April, 1995.
- Class 3. No. 168785, Mrs. Surekha Chandrakant Modi, Indian National, whose address is C/o. Pinky Electronics, 210, Ashirwad Industrial Estate, Bldg No. 5, Ram Mandir Road, Goregaon (W), Bombay-400 104, Maharashtra, India, "SEAL FOR PACKING", 6th February, 1995.
- Class 3. No. 169102, Perumal Kolappa Pillay of 2/78, Osoravalai, Kulasekarapuram, Agasteevaram Panchayat, Kanavakumar District Tamil Nadu, India, an Indian national, "A MINI AUTOMOBILE BODY", 2nd May, 1995.
- Class 3. No. 168263, Rackitt & Colman of India Limited, an Indian Company of 41, Chowringhee Road, Calcutta-16, W Bengal, India, "SPRAY PUMP", 17th October, 1994.
- Class 3. No. 168842, Aconia Minerals Pvt. Ltd., 60, Shivaji Marg, New Delhi-110 015, India, and Indian Company, "BOTTLE", 23rd February, 1995.
- Class 1. No. 169018, Indfos Industries Limited, an India Company of 20-21 Industrial Area Site No. 3, Meerut Road Ghaziabad, U.P., India, "A PRESSURE SWITCH FOR USE IN TRANS-DUCERS", 17th April, 1995.
- Class 12. Nos. 170077 & 170078, Britannia Industries Ltd., an Indian Company of 5/1A, Hungerford Street, Calcutta-700 017, India, "CAKE", 30th October, 1995.
- Class 1. No. 168976, Satake Corporation, a Japanese corporation of 4-7-2, Soto-Kanda, Chivoda-ku, Tokyo, Japan, "A ROLLER OF A ROLL UNIT FOR USE IN FLOUR MILLING MACHINES", 29th March, 1995.
- Class 1. No. 168570, Bathla Engineering (P) Ltd., a private limited company, having office at Auto Tower, No. 9, J.C. Road, Bangalore-560 002, Karnataka, India, "LADDER", 2nd January, 1995.
- Class 1. No. 170898, Jyoti Industries, registered partnership firm of Electron House, Ground Floor, 914, Century Mills Passage Road, Worli, Bombay-400 025, Maharashtra, India, "SINK", 18th March, 1996.
- Class 1. No. 170428, Joel Koechlin, Nilgiris Hang Gliding Centre, Kalthatty, P.O. Ootacamund-643258, Tamil Nadu, India, Citizen of France, "AIR-CRAFT", 20th December, 1995.
- Class 1. No. 170575, Hindustan Lever Limited, an Indian Company, of Hindustan Lever House, 165 & 166, Backbay Reclamation, Bombay-400 020, State of Maharashtra, India, "PLODDER PLATE", 11th January, 1996.
- Class 3. No. 170576, Hindustan Lever Limited, an Indian Company, of Hindustan Lever House, 165 & 166, Backbay Reclamation, Bombay-400 020, State of Maharashtra, India, "PLODDER PLATE", 11th January, 1996.
- Class 3. No. 169501, Polyset Plastics Limited, whose address is A 44-45, 2nd Street, M.I.D.C. Andheri (E), Bombay-400 093, Maharashtra, India, "TONGUE CLEANER", 13th July, 1995.
- Class 3. No. 171051, Prima Plastics Limited of National House, Opp. Sakinaka Police Station, Sakinhar Road, Powai, Bombay-400 072, State of Maharashtra, India, "CHAIR", 9th April, 1996.
- Class 3. No. 170686, Sanjay Kumar Sharma, 4355, Bhairon Street, Nai Sarak, Delhi, India, India, "HUKKA", 7th February, 1996.
- Class 3. No. 170372, Orient International, 4, Gopal Nivas, 5th Road, Santacruz (E), Bombay-55, Maharashtra, India, whose proprietor is Parimal Jayantilal Parikh, Indian national of above address, "EARSEAL", 11th December, 1995.
- Class 3. No. 170687, Ambitious Pens (Pvt.) Ltd., C 101, Mayapuri, Phase II, New Delhi-110 064, India, "PEN", 7th February, 1996.
- Class 3. No. 170799, Bawa Plastics, a partnership concern, having its office at A 31/3, Mayapuri Indl Area, Phase I, New Delhi-64, India, "CORNER", 26th February, 1996.
- Class 3. No. 170565, Ramcon Industries, 111-D, Govt. Ind. Estate, Charkop, Kandivali (W), Bombay-67, Maharashtra, India, an Indian partnership firm, "LID", 8th January, 1996.

T. R. SUBRAMANIAN  
Controller General of Patents,  
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